Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

API No.: 35015373000002

OTC Prod. Unit No.: 015-008353

Amended

Amend Reason: RECOMPLETION

Drill Type: STRAIGHT HOLE

Well Name: SCHOOL LAND 5

Location: CADDO 13 5N 9W C SW NW NE 1650 FSL 330 FWL of 1/4 SEC Derrick Elevation: 0 Ground Elevation: 1325

Operator: HARMON C E OIL INC 10266

5555 E 71ST ST STE 9300 TULSA, OK 74136-6559 **Completion Report**

Drilling Finished Date: August 05, 1944 1st Prod Date: August 15, 1944 Completion Date: August 15, 1944 Recomplete Date: February 13, 2019

Spud Date: May 26, 1944

Purchaser/Measurer:

First Sales Date:

	Completion Type	Location Exception	Increased Density
	Single Zone	Order No	Order No
Х	Multiple Zone	There are no Location Exception records to display.	There are no Increased Density records to display.
	Commingled		

			(Casing and Ce	ment				
Т	уре	Si	ze Weight	t Grade	Fe	et	PSI	SAX	Top of CMT
SUF	RFACE	10	3/4		30	00		100	SURFACE
PROD	UCTION	5 1	/2		55	79		1000	
				Liner					
Туре	Size	Weight	Grade	Length	PSI	SAX	То	o Depth	Bottom Dept
			There are	e no Liner reco	rds to displ	ay.			

Total Depth: 5652

Pac	ker	PI	ug			
Depth	Brand & Type	Depth	Plug Type			
There are no Packe	r records to display.	There are no Plug records to display.				

Initial Test Data

Test Date	Format	tion	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Da	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure		
Jan 21, 2019			2	26			14	PUMPING					
Jan 31, 2019	NOBLE-C	DLSON	3	27.4				PUMPING	20				
			Со	mpletion and	l Test Da	ta by Producing F	ormation						
	Formation N	lame: SCHC	OOL LAND		Code	405SCLD	C	lass: OIL					
	Spacing	Orders				Perforated I	ntervals						
Orde	er No	U	nit Size		F	rom	٦	Го					
UNSP	ACED				There	are no Perf. Interva	als records to	display.					
	Acid Vo	olumes				Fracture Tre	atments						
	NO	NE				NON	E						
	Formation N	lame: NOBL	E-OLSON		Code	451NBLO	C	lass: OIL					
	Spacing	Orders				Perforated I	ntervals						
Orde	er No	U	nit Size		F	rom	٦	Го					
646	832		40		3	336							
	Acid Vo	olumes				Fracture Tre	atments						
	500 GALLON	IS 7 1/2 HC	L			NON	E						
Formation			Т	ор		Were open hole	logs run? No						
FORTUNA					2180	Date last log run	:						
NOBLE-OLSO	N				3120	Were unusual dr	illing circums	tances encou	untered? No				
SCHOOL LAN	D				5567								

Other Remarks

SQUEEZE DEPLETED NOBLE-OLSON PERFORATIONS FROM 3,290' - 3,298'. DRILL CIBP @ 3,620' AND SQUEEZE ROWE PERFORATIONS 3,724' - 3,738'. DRILL CIBP @ 3,819' AND SQUEEZE ROWE PERFORATIONS 3,870' - 3,886'. DRILL CIBP @ 4,020' AND SQUEEZE OSTRACODAL PERFORATIONS 4,226' - 4,240' AND SQUEEZE YULE PERFORATIONS FROM 4,514' - 4,520'. DRILL CIBP @ 4,646' AND TEST OPEN HOLE SCHOOL LAND FORMATION. SWAB 1 BO / 7 BW IN 6 HOURS = 4 BO / 28 BW IN 24 HOURS. PUMP RATE IS 2 BO / 14 BW. PLACE RBP OVER SCHOOL LAND FORMATION, PERFORATED NOBLE-OLSON FROM 3,336' - 3,342'. SWAB 1 BO IN 4 HOURS = 6 BO IN 24 HOURS OR 3 BO FOR PUMP RATE. PLACE RBP OVER NOBLE-OLSON AND PERFORATED FORTUNA FROM 2,304' - 2,314' AND 2,326' - 2,336'. GET WATER ONLY. SQUEEZE FORTUNA. REMOVE RBP'S AND PUT ON PUMP. OCC - SCHOOL LAND IS AN OPEN HOLE COMPLETION FROM BOTTOM OF 5 1/2" CASING AT 5,579' TO TOTAL DEPTH 5,652'.

FOR COMMISSION USE ONLY

Status: Accepted

1142171

API NO. 01537300 OTC PROD. 015008353 UNIT NO. 015008353 X ORIGINAL AMENDED (Reason)	Reco	DR USE BLACK INK	ONLY)	0	Oil & Gas Post Oklahoma Cit	Conservat Office Box	na 73152-2000 1-3-25		FE	3 2 5 ma Col	2019	
TYPE OF DRILLING OPERATIO	N DIRECTIONAL HOLE	HORIZONT		SPUE	DATE 5-2	6-412/2	1/18			640 Acre	ŝ	
SERVICE WELL				DRLG	FINISHED	8-5-	44					
COUNTY CADD		TWP 5N RGE	9W	DATE	0.5.11.5.1	8-15-				×		
LEASE S	CHOOL LAND	WEL	5									
NAME C 1/4 SW 1/4 NW	1/4 NE 1/4 FSL 0	DF 1650 FWL	OF 330	-	MP DATE		3/19 W					
ELEVATION		EC 1050 1/4 S de (if known)	EC CCC		ongitude							
OPERATOR	C. E. HARMON		ОТ		f known)	10	266					
NAME		and a second state of the		ERATO	R NO.	10/	200					
ADDRESS		5 E. 71ST ST.										
CITY	TULSA	STAT		OK		74	136		Ľ	OCATE W	ELL	
SINGLE ZONE		CASING &	CEMENT (A	Attach F	orm 1002C) WEIGHT	GRADE	FEET		PSI	SAX	Тто	P OF CMT
Y MULTIPLE ZONE	02/21/19									Crut	+	
COMMINGLED	52/21/13	SURFACE		0 3/4			300			100	SU	RFACE
Application Date		INTERMED		5 017							+	
ORDER NO. INCREASED DENSITY ORDER NO.		PRODUCTI		5 1/2			5579			1000	1	
		LINER										
PACKER @BRANI	D & TYPE	PLUG @	I	TYPE	•	PLUG @	TYPE			L TOTAL DEPTH		5,652
PACKER @ BRANI	D & TYPE	PLUG @		TYPE		PLUG @	TYPE		_ '			
COMPLETION & TEST DATA	BY PRODUCING FOR	MATION 40550	LD	1	4511	NBLO	0					~]
FORMATION	SCHOOL LAN	ID NOBLE	-OLSON								NO	Frac
SPACING & SPACING ORDER NUMBER	UNSPACED	40/6	46832									
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL		DIL									
	OPEN HOLE		6-3342'									
PERFORATED												
INTERVALS												
ACID/VOLUME	NONE	7 1/2 H	CL/500 ga	ıl								
	NONE	N	ONE									
FRACTURE TREATMENT (Fluids/Prop Amounts)												
,, ,,				+								
			40									
	Min G	Gas Allowable	(165:10-1	17-7)			Purchaser/Measurer Sales Date					
NITIAL TEST DATA			10-13-3)									
NITIAL TEST DATE	1/21/201 9	1/31	/2019									
DIL-BBL/DAY	2		3									
DIL-GRAVITY (API)	26	2	7.4								Ш	
GAS-MCF/DAY	0		0					CII			77	'En l
GAS-OIL RATIO CU FT/BBL	N/A	1	N/A				AS	JU	D			CU
WATER-BBL/DAY	14		0							ALC: NO DECISION		11111
PUMPING OR FLOWING	PUMPING	PUN	IPING									
NITIAL SHUT-IN PRESSURE	0	20	PSI									
CHOKE SIZE	N/A	L L	N/A									
FLOW TUBING PRESSURE	N/A		N/A									
A record of the formations drille to make this report, which was p	ed through, and pertinent is prepared by me or under it	remarks are presented ny supervision and di	d on the rever rection, with the ROP	se. I de ne data a	clare that I ha and facts state E. HARMO	ve knowled ed herein to	ge of the contents of be true, correct, and	this report a complete to	nd am a the be	authorized st of my kn	by my or owledge	rganization and belief. 63-8515
R Sect E. SIGNATI	Harmon		6 A.		NT OR TYPE			and the standards	ATE	`		NUMBER
	., SUITE 9300	TULS		OK	74136			rehoil@s				

AMES C	F FOR	MATIC	NS					ТОР					FOR C	OMMISSIO	N USE ON	NLY	
ORTI	JNA	-					-	2,180		ITD on file		TYES					
NOBLE	E-OLS	SON						3,120		APPROVED							
SCHO		٩ND						5,567		APPROVEL		DISAPPRO		Reject Cod	les		
										Were open	nole logs	run?	yes	<u>⟨</u> no			
										Date Last lo	g was rur	ו					
										Was CO ₂ e	ncountere	ed?	yes	<at< td=""><td>what dept</td><td>ths?</td><td></td></at<>	what dept	ths?	
										Was H₂S er	countered	d?	yes	<_no at	what dept	ihs?	
													es encountered?				s X no
										If yes, briefly	/ explain t	below					
ther rem	arks:	Squ	ieeze	e dep	leted	Noble	e-Olson pe	orfs from 32	90-329	B'. Drill CIBP	@ 362	20' and s	queeze Row	e perfs 3	3724-37	738'.	
orill Cl	BP @	-					ve perfs 38										
Drill Cl	BP @	0 402	20' ai	nd so	ueez	e Ostr	acodal pe	rfs 4226-42	40' and	squeeze Yul	e perfs	from 45	14-4520'.				
						· · · · · · ·				·				24 hrs. F	Pump ra	ate is	2 BO/14 BW
																	2 00/11 011
					-									11		O for	numn rate
Place I	RBP	over	Scho	ol la	nd fo	matio	n, perf No	ble-Olson fi	rom 333	36-3342'. Sw	ab 1 B	O in 4 ho	ours = 6 BO	n 24 hrs	s or 3 B		
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro	ble-Olson fi om 2304-23	rom 333	36-3342'. Sw 326-2336'. G	ab 1 Bo	O in 4 ho er only.	ours = 6 BO Squeeze For	n 24 hrs tuna. R	s or 3 B lemove	RBPs	& put on pu
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro	ble-Olson fi om 2304-23	rom 333	36-3342'. Sw	ab 1 Bo	O in 4 ho er only.	ours = 6 BO Squeeze For	n 24 hrs tuna. R	s or 3 B lemove	RBPs	& put on pu
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro	ble-Olson fi om 2304-23	rom 333	36-3342'. Sw 326-2336'. G 201 Arom b IRECTIONAL HOL	ab 1 Bo	O in 4 ho er only.	ours = 6 BO Squeeze For	n 24 hrs tuna. R	s or 3 B lemove	RBPs	& put on pu
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro	ble-Olson fi om 2304-23 hole con Hole Locati TWP	rom 333 14' & 23 <i>np l-et i</i> on For D RGE	36-3342'. Swi 326-2336'. Gi 2011 A. C. M. B DIRECTIONAL HOL	ab 1 Bo et wate <i>Hon</i>	O in 4 ho er only. S 1 of S	ours = 6 BO Squeeze For	n 24 hrs tuna. R at 55	s or 3 B emove	RBPs	& put on pu
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro BOTTOM SEC Spot Loca	ble-Olson fi om 2304-23 hole con Hole Locati	rom 333 14' & 23 <i>npl-et</i> ION FOR D	36-3342'. Sw 326-2336'. G 201 Arom b IRECTIONAL HOL	ab 1 B et wate	O in 4 ho er only. \$ 7 af 5 1/4 Feet F	ours = 6 BO Squeeze For Squ ^e casing	n 24 hrs tuna. R <i>at 55</i>	s or 3 B demove	RBPs	s & put on pu al depth 56
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro BOTTOM SEC Spot Loca	ble-Olson fi m 2304-23 HoLe LOCATI TWP	rom 333 14' & 23 <i>np l-et i</i> on For D RGE	36-3342'. Swi 326-2336'. Gi Son from b IRECTIONAL HOL	ab 1 B et wate	O in 4 ho er only. \$ 7 af 5 1/4 Feet F	Durs = 6 BO Squeeze For V2" Casing rom 1/4 Sec Line	n 24 hrs tuna. R <i>at 55</i>	s or 3 B demove	RBPs	s & put on pu al depth 56
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro BOTTOM SEC Spot Loca Measured	ble-Olson fi om 2304-23 hole corri- Hole Locati TWP 1/4 Total Depth	rom 333 14' & 23 <i>np l-et</i> on for p RGE 1/4	36-3342'. Swi 326-2336'. Gi Son from b IRECTIONAL HOL	ab 1 B(et wate offor E	O in 4 hc er only. § 7 af 5 1/4 Feet F BHL F	Durs = 6 BO Squeeze For V2" Casing rom 1/4 Sec Line	n 24 hrs tuna. R <i>at 55</i>	s or 3 B demove	RBPs	s & put on pu al depth 56
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro BOTTOM SEC Spot Loca Measured BOTTOM LATERAL	ble-Olson fi om 2304-23 hole Locati TWP 1/4 I Total Depth HOLE LOCATI	rom 333 14' & 23 70 Fet on For D RGE 1/4	36-3342'. Swi 326-2336'. Gi VIRECTIONAL HOL IRECTIONAL HOL 1/4 True Vertical Dept IORIZONTAL HOL	ab 1 B(et wate offor E COUNTY h E: (LATE	O in 4 hc er only. § 7 af 5 1/4 Feet F BHL F	Durs = 6 BO Squeeze For V2" Casing rom 1/4 Sec Line	n 24 hrs tuna. R <i>at 55</i>	s or 3 B demove	RBPs	s & put on pu al depth 56 FWL
Place Place	RBP (over over	Scho Nobl	ool la e-Ols	nd fo	matio perf F	n, perf No Fortuna fro BOTTOM SEC Spot Loca Measured BOTTOM LATERAL	ble-Olson from 2304-23	rom 333 14' & 23 <i>np l-et</i> on for p RGE 1/4	36-3342'. Swi 326-2336'. Gi VIRECTIONAL HOL IRECTIONAL HOL 1/4 True Vertical Dept IORIZONTAL HOL	ab 1 B(et wate offor E	O in 4 hc er only. § 7 af 5 1/4 Feet F BHL F	Durs = 6 BO Squeeze For V2" Casing rom 1/4 Sec Line	n 24 hrs tuna. R <i>at 55</i>	s or 3 B demove	RBPs	s & put on pu al depth 36 FWL
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		over			nd fo son & nd	rmatio perf F	n, perf No Fortuna fro BOTTOM SEC Spot Loca BOTTOM LATERAI SEC Spot Loca Depth of	ble-Olson fi om 2304-23 hole Locati TWP tition 1/4 I Total Depth HOLE LOCATI	rom 333 14' & 23 mplet on for c RGE 1/4	36-3342'. Swi 326-2336'. Gi Son From b IRECTIONAL HOL 1/4 True Vertical Dept IORIZONTAL HOL	ab 1 B(et wate offor E COUNTY h E: (LATE	O in 4 hc er only. S 7 of 57 1/4 Feet F BHL F RALS)	purs = 6 BO Squeeze For // Casing rom 1/4 Sec Line rom Lease, Unit,	n 24 hrs tuna. R # 55 55 FS 57 Property 1	S or 3 B Remove ST9" 40 SL Line:	RBPs	s & put on pu al depth 56
Place I Place I		DVer	School Nobl	oposed,	attach a	rmatio	n, perf No Fortuna fro BOTTOM SEC Spot Loca BOTTOM LATERAN SEC Spot Loca Depth of Deptin of Deptin of	ble-Olson fi om 2304-23 hole Locati TWP tition 1/4 I Total Depth HOLE LOCATI	rom 333 14' & 23 mplet on for c RGE 1/4	36-3342'. Swi 326-2336'. Gi DIRECTIONAL HOL 1/4 True Vertical Dept IORIZONTAL HOL	h E: (LATE	O in 4 hc er only. § 7 af 57 1/4 Feet F BHL F BHL F RALS)	purs = 6 BO Squeeze For // Casing rom 1/4 Sec Line rom Lease, Unit,	n 24 hrs tuna. R # 55 s s FS or Property 1	s or 3 B Remove 379 do SL Line: SL	RBPs	s & put on pu al depth 56
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