Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: Drilling Finished Date: August 06, 2013

1st Prod Date: September 23, 2013

Completion Date: September 20, 2013

Drill Type: STRAIGHT HOLE

Well Name: HOWARD 1 Purchaser/Measurer:

Location: LINCOLN 22 16N 5E

SW SW SW NW

130 FSL 150 FWL of 1/4 SEC

Derrick Elevation: 940 Ground Elevation: 935

Operator: K S OIL COMPANY INC 2739

713 SW 119TH ST

OKLAHOMA CITY, OK 73170-6067

	Completion Type					
Х	Single Zone					
	Multiple Zone					
	Commingled					

Location Exception					
Order No					
614244					

Increased Density
Order No
There are no Increased Density records to display.

First Sales Date:

Casing and Cement								
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT	
SURFACE	8 5/8	24	J	1048	3000	525	SURFACE	
PRODUCTION	5 1/2	15	J	3450	4000	85	2900	

Liner								
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 3450

Packer					
Depth	Brand & Type				
There are no Packer records to display.					

Plug					
Depth Plug Type					
There are no Plug records to display.					

October 07, 2013 1 of 2

	Initial Test Data									
Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Sep 23, 2013	PRUE	50	38	50	1000	10	FLOWING	650	1/2	100

Completion and Test Data by Producing Formation

Formation Name: PRUE

Code: 404PRUE

Class: OIL

Spacing Orders						
Order No	Unit Size					
613676	160					

Perforated Intervals				
From To				
3366	3386			

Acid Volumes 2,000 GALLONS

Fracture Treatments
1,500 BARRELS GELLED WATER

Formation	Тор
OSWEGO LIME	3300
PRUE SAND	3360
VERDIGRIS	3400

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

There are no Other Remarks.

FOR COMMISSION USE ONLY

1121173

Status: Accepted

October 07, 2013 2 of 2

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UNIT NO. 02739					·	11	15	S	UB	M	Ш	:DE		SE	P 2 6	201	3	
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TYPE OF DRILLING OPERATION X STRAIGHT HOLE SERVICE WELL	ON DIRECTIONAL HO	OLE [HORIZ	ONTAL	HOLE		DRLG		<u>////</u> 8-6-		1////	UKL.	C	MA COL	SION	4110	
If directional or horizontal, see n	everse for bottom h					T		DATE O				1 8			1			
COUNTY Lincoln	*	SEC	2.2		6N	RGE	5E	COMPL	ETION	9-20	-13]			1	·		٦
NAME Howard				.	Well No.]	1	1st PR	OD DATE	<u>9-23</u>	-13	<u> </u>		 				- _
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COMPLETION TYPE	· · ·	<u>.</u>	· -	CASII	4G & C	Ol EMENT		1002C	miust be att	731	/ 0	J			DCATE WI	ELL		
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Application Date				<u> </u>	·· _		8	5/8	24#	J	 - 1	.010	· 30	000	577	Su	rfac	<u>e</u>
ORDER NO. 6.	<u> 13676 </u>			INTER	MEDIAT	E	<u> </u>								65	∔		\dashv $_{\rm o}$
INCREASED DENSITY ORDER NO.	<u>-</u>			PROD	UCTION	ŧ	5-	1/2"	15#	J	3	450	. 4	000	102	290	<u>00</u> .	
				LINER						l	1							100
PACKER @BRAN	ND & TYPE			PLUG	e.			TYPE	:	PLUG 6	3	TYPE			TOTAL DEPTH	٦ 3	450	
PACKER @BRAN	TYPE			PLUG	e .			TYPE						- '				
COMPLETION & TEST DAT	A BY PRODUCIN	IG FO	RMATI	ON	400	10	RU	1=	·					•				_
FORMATION	Prue										_							
SPACING & SPACING	160 ₆ 761	ces											•					\neg
ORDER NUMBER CLASS: Of, Gas, Dry, Inj.		<u> </u>	·	├-				-		_	·	·		+		<u> </u>		\dashv
Disp, Comm Disp, Svc	011													<u> </u>				
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INTERVALS	3366		• :													_,		_
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ACID/VOLUME	2000 ga	1							-			-				٠.		
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FRACTURE TREATMENT (Fluids/Prop Amounts)	gelled	wat	er							_	_	٠.	_	:				- .
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INITIAL TEST DATA			llowable	• '	(165:10	-13-3)		_			<u>.</u>							
INITIAL TEST DATE	9-23-13					_												_
OIL-BBL/DAY	50 bb1	s	lay_	<u> </u>				-	<u> </u>	_								-
OIL-GRAVITY (API) GAS-MCF/DAY	38°							1		_				٠,	_		:	\dashv
GAS-OIL RATIO CU FT/BBL	50 MCF				•	_			_				;	-	- }-			\dashv
WATER-BBL/DAY	10bbls	Det	- da	17						-								,
PUMPING OR FLOWING	flowing														,			
INITIAL SHUT-IN PRESSURE	650#																	\Box
CHOKE SIZE	1/2"						•											
FLOW TUBING PRESSURE	100#	_			;					!_		i	٠.			,		
A record of the formations of to make this report which we	X	per und	ent rema er my se		present on and d E.			e. I dec e data ar	lare that I have not facts state	ve knowle ed herein	dge of the co to be true, co							- 1
713 SW 119th	RE Street	10	0					(PRINT	or type) ahoma	7317	0.	_ 9	-19-1	ATÉ	<u>4</u> (JJ-6 PHONE	34-5 NUMBE	R 1115
ADDRES					TY		STATE		ZIP	_			EMA	L ADDF	RESS			\dashv

PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested. LEASE NAME WELL NO. NAMES OF FORMATIONS TOP FOR COMMISSION USE ONLY ITD on file YES Oswego Lime 3300 APPROVED DISAPPROVED Prue sand 3360 2) Reject Codes Verdigris 3400 Were open hole logs run? Date Last log was run Was CO₂ encountered? no at what depths? Was H₂S encountered? at what depths? Were unusual drilling circumstances encountered? If yes, briefly explain below: TOTAL DEPTH 3450 Other remarks: 640 Acres BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE SEC COUNTY RGE Spot Location Feet From 1/4 Sec Lines FSL FWL Measured Total Depth BHL From Lease, Unit, or Property Line: **BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)** ATERAL #1 SEC Spot Location FWL Feet From 1/4 Sec Lines 1/4 Total Radius of Turn Depth of Direction If more than three drainholes are proposed, attach a Deviation Length separate sheet indicating the necessary information. Measured Total Depth BHL From Lease, Unit, or Property Line: True Vertical Depth Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the ATERAL #2 lease or spacing unit. SEC COUNTY Directional surveys are required for all drainholes and directional wells. Spot Location FSL Feet From 1/4 Sec Lines FWL 1/4 1/4 640 Acres Total Depth of Radius of Turn Direction Deviation Length Measured Total Depth BHL From Lease, Unit, or Property Line: True Vertical Depth LATERAL #3 RGE COUNTY Spot Location FSL FWL Feet From 1/4 Sec Lines Depth of Radius of Turn Total Deviation Measured Total Depth Length BHL From Lease, Unit, or Property Line True Vertical Depth