



Occidental Permian Ltd. South Hobbs CO2 Project

Area of Review

April 2013

BEFORE THE OIL CONSERVATION
COMMISSION
Santa Fe, New Mexico
Exhibit No. 2
Submitted by: **OXY**
Hearing Date: May 9, 2013



OCCIDENTAL PERMIAN LTD.
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT
AREA OF REVIEW METHODOLOGY

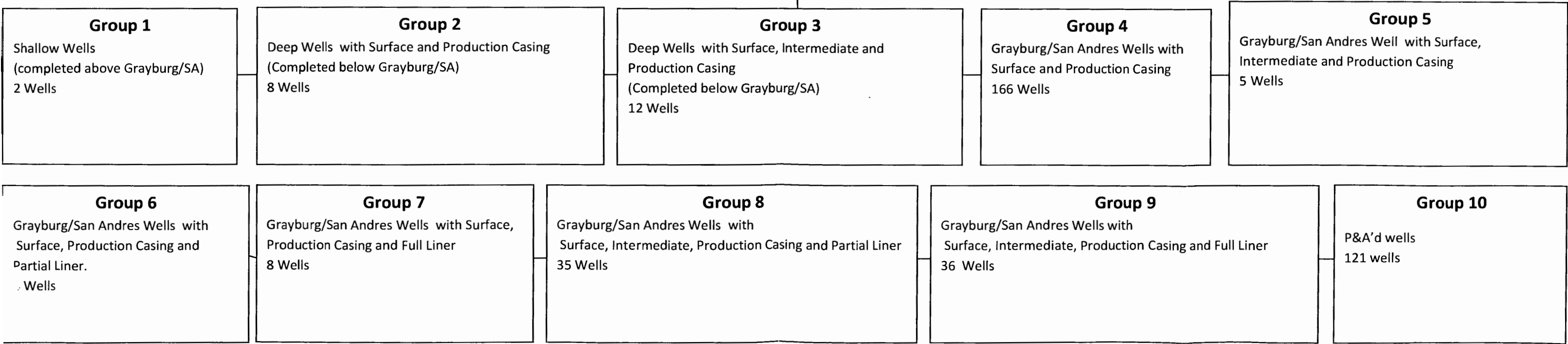
Identified 53 injectors to be included in project and all wells within ½ mile of each injector.
397 Wells in Area of Review
276 Wells are active or inactive
121 wells are P&A'd

Gathered NMOCD and Oxy Data on all wells with Area of Review

To analyze the number of wells in the Area of Review, wells were divided into 10 Groups based on Depth and Well Construction and P&A'd wells.
Wells were screened based on Primary Cement then any remedial cementing.

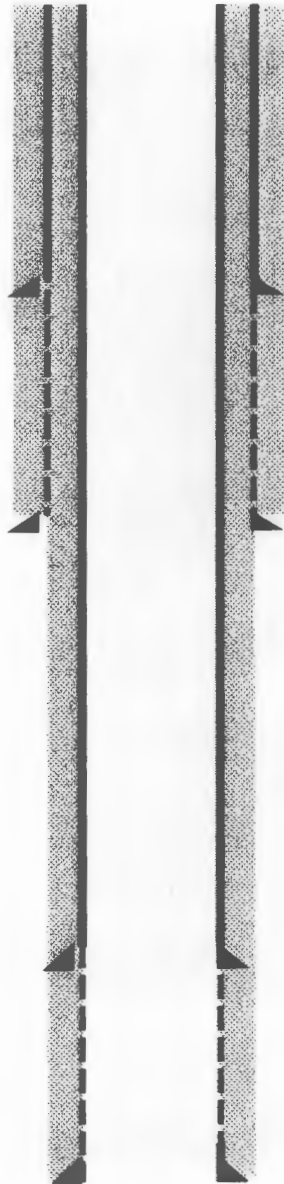
Criteria:

- Protection of Fresh water was based on depth casing was set, number of strings of casing and amount of cement . Freshwater sands (Ogallala) in Area of Review ranged from depths beginning at 40 ft. down to an approximate depth of 200 ft – 250ft..
- Injectant was confined if there was adequate cement above the Grayburg and San Andres Formations.



GROUP 1
Shallow Wells - 2 Wells

Protectable Water depth
40' to approx. 200-250'



Surface Casing on all Wells
has been cemented to surface.

Shallowest Surface Casing Set at 301'

Deepest Surface Casing Set at 420'

Prod. Casing on all wells
has been cemented to surface.

Shallowest Prod. Casing Set at 3116'

Deepest Prod. Casing Set at 3179'

Grayburg and San Andres
Formations

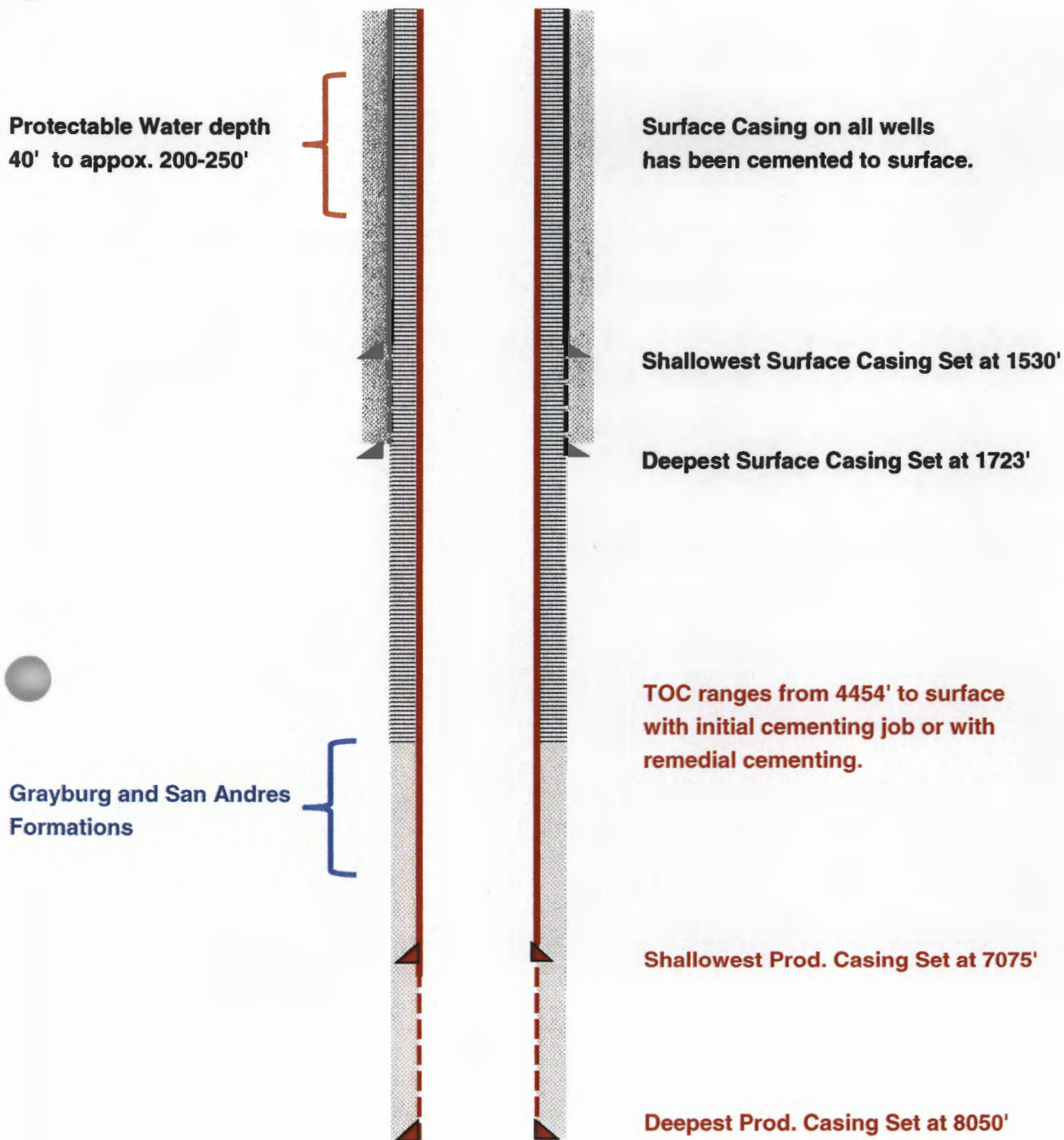


GROUP 1
SHALLOW WELLS
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. IN	N/S	FTG. E/W	E/W	UNIT	SEC.	T&HP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	UNIT. TOP	MTD.	COMPLETION	REMARKS
30-025-07541	OXY USA, Inc.	State Land Sec. 32	7	P	TA	585'	S	585'	E	P	32	18S	38E	Jun-48	3,213'	11"	8 5/8"	301'	125	Surface	Circ.	7"	5 1/2"	3,116'	1000	Surface	Circ.	3,116'-3,213' O.H.	Bowers-Seven Rivers completion
30-025-12502	Saber Oil & Gas Ventures, LLC	Nora Berry	6	P	Active	660'	S	408'	E	P	31	18S	38E	Nov-47	3,242'	11"	8 5/8"	420'	200	Surface	Circ.	7 7/8"	4 1/2"	3,179'	850	Surface	Calc.	3,179'-3,242' O.H.	Seven Rivers Completion

GROUP 2

Deep Wells with Surface and Production Casing - 8 Wells

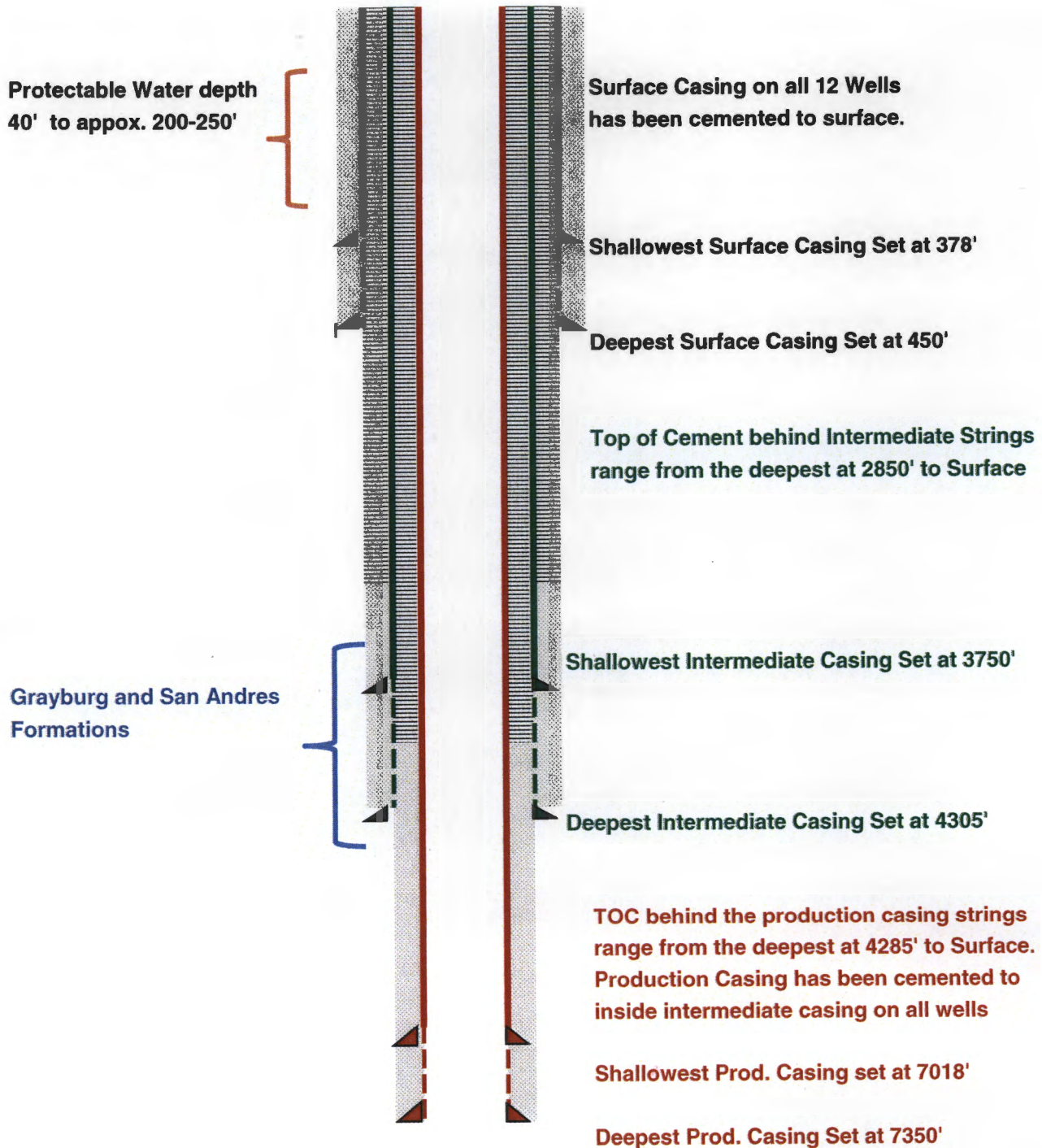


GROUP 2
Deep Wells with Surface and Production Casing
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. W/S	M/S	FTG. B/W	ENV	UNIT	SEC.	TSHF.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	GMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	GMT. TOP	MTD.	COMPLETION	REMARKS
30-025-35961	OXY USA, Inc.	Conoco State	3	P	Active	2110'	S	2055'	E	J	33	18S	38E	Aug-02	7,025'	12 1/4"	9 5/8"	1,530'	500	Surface	Circ.	7 7/8"	5 1/2"	6,992'	686	3,658' *	Calc.	6,406'-6,573' Perf.	Tubb Completion
*5 1/2" casing perforated @ 3,740' & squeeze cemented w/710 sx. TOC @ 2,025'. 5 1/2" casing perforated @ 1,990' and cemented to surface w/570 sx.																													
6,806'-6,933' Perf. Drinkard Completion																													
30-025-38572	Texland Petroleum-Hobbs, LLC	State HF Com	2	P	Active	1897'	S	957'	E	I	33	18S	38E	Nov-07	7,080'	12 1/4"	8 5/8"	1,620'	750	Surface	Circ.	7 7/8"	5 1/2"	7,075'	1,950	Surface	Circ.	6,570'-6,914' Perf.	5 1/2" csg. stage cmt. 1st stage-Drinkard Comp. 750 sx. 2nd stage-1200 sx.
30-025-36051	Chesapeake Operating, Inc.	Herradura	4	P	Active	1928'	S	2161'	E	J	15	19S	38E	Dec-02	7,740'	12 1/4"	8 5/8"	1,695'	900	Surface	Circ.	7 7/8"	5 1/2"	7,740'	1710	Surface	Calc.	6,872'-7,508' Perf.	Drinkard-Abo Completion
30-025-35815	Chesapeake Operating, Inc.	Herradura	2	P	Active	850'	S	1650'	E	O	15	19S	38E	Feb-02	7,780'	12 1/4"	8 5/8"	1,636'	700	Surface	Circ.	7 7/8"	5 1/2"	7,780'	1640	Surface	Circ.	6,974'-7,660' Perf.	Drinkard-Abo Completion
30-025-35933	Chesapeake Operating, Inc.	Herradura	3	P	Active	1502'	S	864'	E	I	15	19S	38E	Jul-02	7,787'	12 1/4"	8 5/8"	1,723'	800	Surface	Circ.	7 7/8"	5 1/2"	7,787'	625	4,454'	Calc.	7,244'-7,604' Perf.	Drinkard-Abo Completion
30-025-36219	Chesapeake Operating, Inc.	BP America	1	P	Active	2310'	N	990'	E	H	15	19S	38E	Nov-03	7,800'	12 1/4"	8 5/8"	1,609'	850	Surface	Circ.	7 7/8"	5 1/2"	7,790'	1700	Surface	Circ.	7,491'-7,622' Perf.	Abo Completion
30-025-36667	Chesapeake Operating, Inc.	BP America	2	P	Active	1980'	N	1980'	E	G	15	19S	38E	May-04	7,800'	12 1/4"	8 5/8"	1,633'	900	Surface	Circ.	7 7/8"	5 1/2"	7,800'	2220	Surface *	Calc.	7,278'-7,624' Perf.	Abo Completion
* 5 1/2" csg. stage cemented. 1st stage-770 sx. 2nd stage-1450 sx. Well file does not indicate depth of DV Tool.																													
30-025-35491	Chesapeake Operating, Inc.	Cain	3	P	Active	1980'	S	330'	W	L	14	19S	38E	Apr-01	8,050'	12 1/4"	8 5/8"	1,625'	750	Surface	Circ.	7 7/8"	5 1/2"	8,050'	2295	Surface *	Calc.	6,904'-7,464" Perf.	Drinkard-Abo Completion
*5 1/2" csg. stage cemented. 1st stage-310 sx. 2nd stage-1985 sx. DV Tool @ 7,612'. TOC behind 5 1/2" casing calculates to surface, however, well file indicates cement was not circulated to surface.																													
PBTD-7,500'																													

GROUP 3

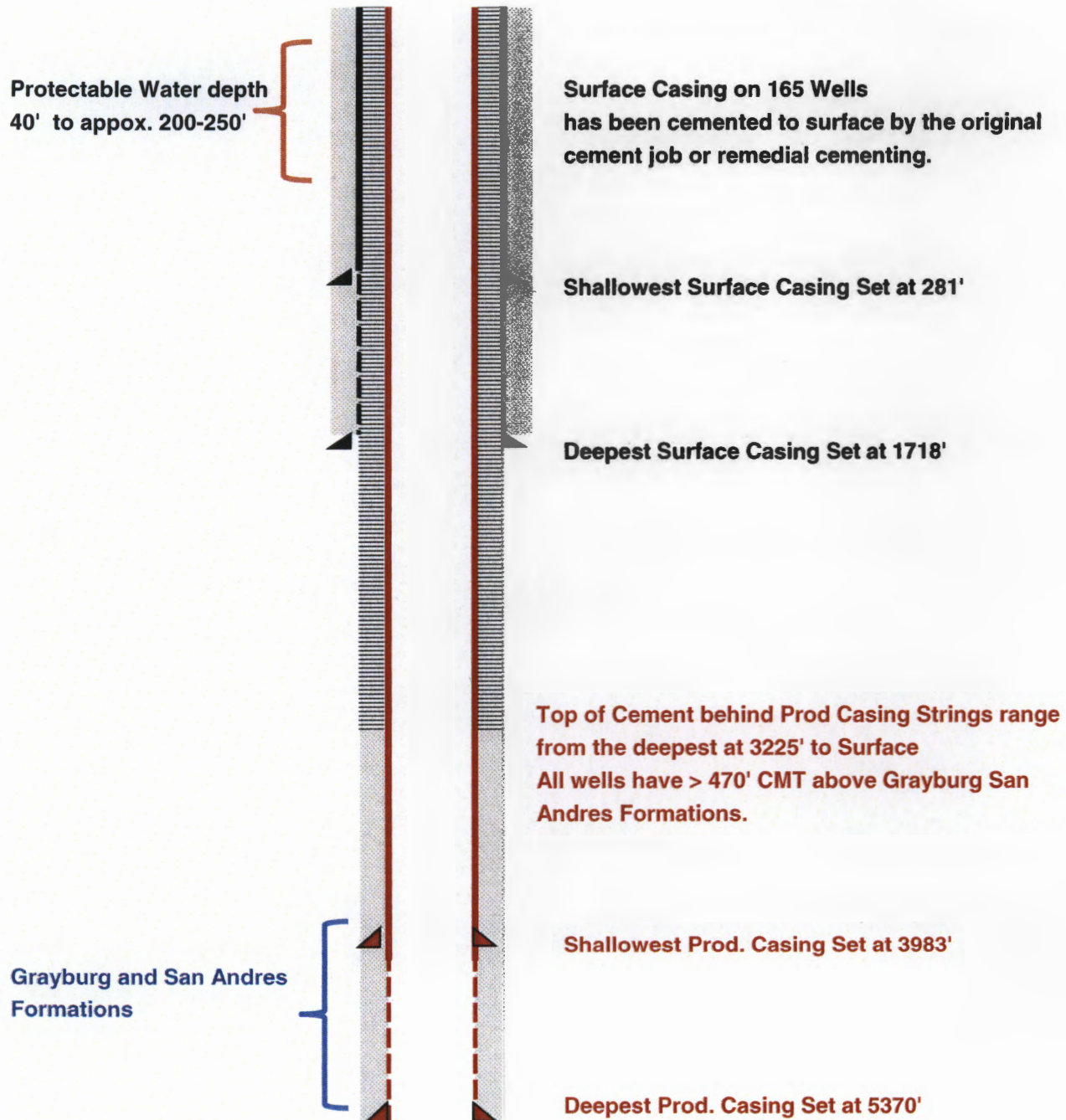
Deep Wells with Surface, Intermediate and Production Casing - 12 Wells



GROUP 3
Deep Wells with Surface, Intermediate and Production Casing
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-24005	OXY USA, Inc.	Conoco State	4	P	TA	688'	S	2111'	E	O	33	18S	38E	Jan-72	7,080'	17"	13 3/8"	378'	350	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	3,800' 7,080'	350 500	1,950' 3,400'	File T.S.	5,814'-6,961' Perf. Drinkard Comp.	TA'd w/CIBP @ 6,300' & CIBP @ 5,800' w/25' of cement on top.
30-025-24928	Texland Petroleum-Hobbs, LLC	W D Grimes NCT-B	8	P	Active	2115'	N	600'	E	H	33	18S	38E	Dec-74	7,100'	17 1/2"	13 3/8"	398'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	3,960' 7,100'	1,750 470	Surface * 2,510'	Circ. T.S.	6,656'-6,850' Perf. Drinkard Comp.	Blinebry perforations 5,728'-5,993' squeezed & abandoned.
*TOC behind 9 5/8" casing was initially @ 540'. Cemented 9 5/8" casing from 540' to surface via 3/4" pipe w/150 sx. cement.																													
30-025-26368	Occidental Permian Ltd.	State HF Corn	1	P	Active	610'	S	610'	E	P	33	18S	38E	Jul-79	7,050'	17 1/2"	13 3/8"	385'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,260' 7,050'	1237 590	Surface 2,860'	Circ. T.S.	6,701'-6,922' Perf.	Drinkard Completion
30-025-26622	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	174	I	Active	2026'	S	516'	W	L	3	19S	38E	Mar-80	7,100'	17 1/2"	13 3/8"	393'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,300' 7,100'	1300 650	Surface 3,185'	Circ. T.S.	4,098'-4,225' Perf.	Drinkard perfs 6,665'-6,932' isolated below CIBP @ 6,600' Set 34 sx. cmt @ 5,818' & 4,618'. PBTD-4,600'
30-025-26623	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	170	I	Active	1980'	S	1832'	E	J	4	19S	38E	Jan-80	7,100'	17 1/2"	13 3/8"	395'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,302' 7,096'	1000 700	Surface 2,935'	Circ. T.S.	4,086'-4,209' Perf.	PBTD-4,209' Drinkard Perfs: 6,742'-6,894'
30-025-26647	Occidental Permian Ltd.	Byers "B"	35	P	TA	2030'	N	626'	E	H	4	19S	38E	Feb-80	7,097'	17 1/2"	13 3/8"	395'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,305' 7,097'	1050 800	Surface 2,180' *	Circ. Calc.	6,645'-6,975' Perf.	TA'd w/CIBP @ 6,595'
*7" casing perforated @ 1,760-1,761 and cemented to surface w/275 sx.																													
30-025-26481	Occidental Permian Ltd.	Byers "A"	31	P	TA	660'	N	735'	W	D	3	19S	38E	Nov-79	7,350'	17 1/2"	13 3/8"	398'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,305' 7,350'	875 700	125' 4,285'	T.S. T.S.	6,681'-6,966' Perf. Drinkard TA'd w/CIBP @ 6,580'	Blinebry 5,738'-5,974' squeezed. Paddock-5,494'-5,520' squeezed. Yates 2,693'-2,902' squeezed.
30-025-26583	Occidental Permian Ltd.	Turner Tr. 2	31	P	Active	2055'	S	598'	W	L	34	18S	38E	Dec-79	7,112'	17 1/2"	13 3/8"	399'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,305' 7,112'	1400 630	Surface 3,105'	Circ. T.S.	6,658'-6,962' Perf.	Hobbs-Drinkard completion
30-025-23195	Legacy Reserves Operating, LP	State A 33	12	P	Active	2175'	S	625'	W	L	33	18S	38E	Jun-69	7,018'	24" 12 1/2"	20" 9 5/8"	23' 3,750'	34 325	Surface 2,850'	Circ. T.S.	17 1/2" 8 3/4"	13 3/8" 7"	422' 7,018'	375 525	Surface 3,700'	Circ. T.S.	6,686'-6,946' Perf.	Hobbs-Drinkard Pool completion
30-025-23759	Oxy USA, Inc.	Conoco State	1	P	Active	1980'	N	2130'	E	G	33	18S	38E	Apr-71	7,075'	17"	13 3/8"	418'	410	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	3,799' 7,075'	350 900	1,089' 3,653'	Well File Well File	5,871'-6,029' Perf. 6,523'-6,975' Perf.	Well is a DHC completion in the Hobbs-Upper Blinebry & Hobbs-Drinkard Pools
30-025-23438	Texland Petroleum-Hobbs, LLC	W. D. Grimes NCT-B	7	P	Active	450'	N	2160'	E	B	33	18S	38E	Feb-70	7,100'	17 1/2"	13 3/8"	368'	400	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	3,859' 7,099'	2000 485	Surface 3,635'	Circ. T.S.	5,836'-5,992' Perf.	Hobbs Upper-Blinebry Pool completion
30-025-28299	Texland Petroleum-Hobbs WD Grimes (NCT-B)		9	P	Active	510	N	660	E	A	33	18S	39E	Aug-83	7109'	15"	13 3/8"	415'	500	Surface	Circ.	12/14" 7"	8 5/8" 5 1/2"	4289' 7109'	1740 1220	Surface Surface	Circ. Circ.	6572' - 6852' Perfs.	Estimated Hole Sizes.

GROUP 4
SA/Grayburg Wells with Surface and Production Casing
166 Wells



GROUP 4
Wells with Surface and Production Casing
 OCCIDENTAL PERMIAN LTD
 AREA OF REVIEW WELL DATA
 SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. EW	EW	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	MOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-26974	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	432	I	Active	1400'	S	1300'	E	I	32	18S	38E	Oct-80	4,400'	24"	16"	40'	N/A	N/A	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1600' 4,400'	800 950	Surface Surface	Circ. Circ.	4,074'-4,214' Perf.	1st Stage-700 sx. 2nd Stage-250 sx. No DV Tool depth shown in well file.
30-025-34374	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	531	P	Active	2120'	S	1500'	E	J	32	18S	38E	Jun-98	4,400'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,553' 4,400'	800 1000	Surface Surface	Circ. Circ.	4,058'-4,257' Perf.	
30-025-34375	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	542	P	Active	1650'	S	630'	E	I	32	18S	38E	Jun-98	4,600'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,581' 4,600'	800 1000	Surface Surface	Circ. Circ.	4,060'-4,453' Perf.	
30-025-07542	Oxy USA, Inc.	State Land Section 32	8	P	TA	1980'	S	660'	E	I	32	18S	38E	Jun-48	3,192'	11"	8 5/8"	300'	125	Surface	Circ.	7"	5 1/2"	3,124'	1000 350'	Well File	3,124'-3,192' O.H.	Bowers-Seven Rivers. CIBP @ 3,050'	
30-025-28411	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	142Z	I	Active	1250'	S	185'	W	M	33	18S	38E	Nov-83	4,370'	20"	16"	40'	N/A	N/A	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,540' 4,370'	750 910	Surface Surface	Circ. Calc.	4,050'-4,270' Perf.	1st Stage-310 sx. 2nd Stage-600 sx. DV Tool set @ 3,122'
30-025-34980	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	513	P	Active BHL	1659' 1676'	S S	918' 663'	W W	L L	33 33	18S 18S	38E 38E	Apr-00	4,373'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,580' 4,373'	750 1000	Surface Surface	Circ. Circ.	4,074'-4,286' Perf.	
30-025-26834	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	232	I	Active	1595'	S	1370'	W	K	33	18S	38E	Aug-80	4,453'	20"	16"	40'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,590' 4,439'	800 750	Surface 439'	Calc. Calc.	4,044'-4,258' Perf.	
30-025-29275	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	234	P	Active	1372'	S	2563'	W	K	33	18S	38E	Jun-85	4,373'	17 1/2"	13 3/8"	40'	50	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	1,503' 4,372'	650 1125	Surface Surface	Circ. Circ.	4,046'-4,251' Perf.	
30-025-34373	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	534	I	Active	2415'	S	2200'	E	J	33	18S	38E	Jul-98	4,402'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,564' 4,402'	800 740	Surface Surface	Circ. Circ.	4,039'-4,224' Perf.	1st Stage-115 sx. 2nd Stage-625 sx. DV Tool set @ 3,491'
30-025-34416	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	545	P	Active BHL	1925' 1996'	N N	2100' 1406'	E E	G G	33 33	18S 18S	38E 38E	Jul-98	4,558'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,550' 4,558'	800 1000	Surface Surface	Circ. Circ.	4,160'-4,374' Perf.	
30-025-27169	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	322G	I	Active	1385'	N	1820'	E	G	33	18S	38E	Dec-80	4,510'	12 1/4"	8 5/8"	1,600'	850	Surface	Calc.	7 7/8"	5 1/2"	4,510'	915	Surface	Circ.	4,058'-4,270' Perf.	
30-025-29932	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	412	P	Active BHL	1973' 1175'	N N	530' 850'	E E	H A	33 33	18S 18S	38E 38E	Jun-87	4,436'	16"	14"	55'	N/A	N/A	N/A	12 1/4" 8 3/4"	9 5/8" 7"	1,542' 4,436'	650 1250	Surface Surface	Circ. Circ.	4,148'-4,312' Perf.	
30-025-34994	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	631	I	Active BHL	490' 838'	N N	2325' 1526'	E E	B B	33 33	18S 18S	38E 38E	Jul-00	4,500'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,545' 4,500'	725 950	Surface Surface	Circ. Circ.	4,218'-4,369' Perf.	1st stage-150 sx. 2nd stage-800 sx. DV Tool depth not show in well file.
30-025-28267	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	342	I	Active BHL	125' 37'	S S	2730' 2699'	W W	O O	33 33	18S 18S	38E 38E	Oct-83	4,380'	20"	16"	40'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,567' 4,380'	650 725	Surface 807'	Circ. Calc.	4,068'-4,256' Perf.	
30-025-29199	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	312	P	Active BHL	151' 10'	N N	1702' 1330'	E E	B B	33 33	18S 18S	38E 38E	May-85	4,428'	17 1/2"	13 3/8"	40'	N/A	N/A	N/A	12 1/4" 8 3/4"	9 5/8" 7"	1,510' 4,428'	650 975	Surface Surface	Circ. Circ.	3,945'-4,297' Perf.	
30-025-29677	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	210	P	TA BHL	721' 1310'	N N	569' 660'	W W	D D	34 34	18S 18S	38E 38E	Aug-07	4,380'	22"	16"	40'	2.5 yd.	Surface	Circ.	14 3/4" 9 7/8"	10 3/4" 7"	1,650' 4,380'	1200 1600	Surface Surface	Circ. Circ.	4,185'-4,360' Perf.	TA'd w/CIBP @ 4000' + 6 sx. cement
30-025-12495	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	231	P	TA	1350'	S	1350'	W	K	27	18S	38E	Jul-37	4375'	13 3/8"	9 5/8"	1718'	450	Surface	Circ.	9 5/8"	7"	4093'	250 3225'	Calc.	4086'-4375' Perf	TA'd w/ CIBP @ 4050' +35' of cement Estimated Hole Sizes	
30-025-28968	Occidental Permian Ltd.	S. Hobbs COOP	9	I	Active	717'	N	651'	W	C	34	18S	38E	Mar-91	4491'	18"	14"	40'	850	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1655' 4491'	875 1439	Surface Surface	Circ. Circ.	4290-4472' Perf	5 1/2" packer set @ 4207'
30-025-35342	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	240	P	Active	837'	S	1611'	W	N	34	18S	38E	Oct-34	4315'	12 1/4"	8 5/8"	1565'	725	Surface	Circ.	7 7/8"	5 1/2"	4315'	1200	Surface	Circ.	4110-4248' Perf	Perf's squeezed 4082-88 w/ 75 sxs cement
30-025-31211	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	225	P	Active	683'	S	5'	W	M	34	18S	38E	May-91	4377'	13 3/8"	10 3/4"	1615'	1100	Surface	Circ.	8 3/4"	7"	4377'	1450	Surface	Circ.	4118-4310' Perf	Perf's 4056-4092', squeezed in '92 and resqueezed in '93
30-025-28410	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	233	P	Active	2380'	S	2472'	W	C	33	18S	38E	Dec-83	4350'	12 1/4"	8 5/8"	1582'	750	Surface	Circ.	7 7/8"	5 1/2"	4,350'	875	Surface	Circ.	4053-4246' Perf	DV Tool @ 3046'
30-025-37266	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	243	P	Active	1660'	N	2106'	W	F	4	19S	38E	Jul-08	4368'	12 1/4"	8 5/8"	1508'	750	Surface	Circ.	7 7/8"	5 1/2"	4368'	950	Surface	Circ.	4104'-4262'	DV Tool @ 3395'
30-025-31419	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	232	P	Active	1710'	N	1630'	W	G	4	19S	38E	Nov-91	4304'	13 3/8"	10 3/4"	1500'	1200	Surface	Circ.	7 7/8"	5 1/2"	4304'	1025	Surface	Circ.	4087-4262'	
30-025-28357	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	154	P	Active	1163'	N	2600'	E	B	9	19S	38E	Aug-83	4315'	18"	14"	40'	2.5 yd.	Surface	Circ.	10 3/4" 7 7/8"	8 5/8" 5 1/2"	1580' 4315'	725 950	Surface Surface	Circ. Circ.	4,161'-4,226' Perf.	PB @ 4267 Estimated Hole Sizes
30-025-29522	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	209	I	Active	265'	N	1090'	W	D	8	19S	38E	Jan-86	4145'	20"	14"	40'	13	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1620' 4145'	1050 950	Surface Surface	Circ. Circ.	4,060'-4,140' Perf.	
30-025-07652	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	61	I	TA	330'	N	330'	E	A	8	19S	38E	Dec-46	4220'	11"	8 5/8"	1598'	300	Surface	Circ.	7 7/8"	5 1/2"	4195'	400 2595'	CBL	3992-4182'		
Sqzd Perfs: 4078-86', 4105-10'																													
30-025-12512	Xeric Oil & Gas Corp.	Mexico "U"	1	P	SI	330'	N	1650'	E	B	8	19S	38E	Nov-53	4,075'	11"	8 5/8"	1,590'	600	Surface	Circ.	7 7/8"	5 1/2"	3,983'	300 2,383' *	Calc.	3,827'-3,953' Perf.	PBTD-3,991'. Intent to PA filed 11/10/05	

GROUP 4
Wells with Surface and Production Casing
 OCCIDENTAL PERMIAN LTD
 AREA OF REVIEW WELL DATA
 SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
1/2" casing perforated @ 2,500' and squeeze cemented w/200 sx. 5 1/2" casing perforated @ 1,625' and cemented to surface w/400 sx.																												3,983'-3,991' O.H.	
30-025-07653	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	119	I	TA	330'	N	2310'	W	C	8	19S	38E	Sep-53	4,110'	11"	8 5/8"	281'	250	Surface	Circ.	7 7/8"	5 1/2"	4,010'	350	2,852' *	File	4,010'-4,110' O.H.	TA'd w/Packer @ 3,911'. Some data obtained from PMX-139.
*5 1/2" casing stage cemented. 1st stage-200 sx. 2nd stage-150 sx. Well file does not indicate setting depth of DV Tool.																													
30-025-29460	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	203	P	TA	1568'	S	248'	W	L	5	19S	38E	Nov-85	4,094'	26"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,590' 4,094'	1100 950	Surface Surface	Circ. Circ.	3,976'-4,078' Perf.	TA'd w/CIBP @ 3,925'.
30-025-29412	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	205	P	TA	330'	S	1650'	W	N	5	19S	38E	Dec-85	4,095'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,613' 4,095'	1075 1000	Surface Surface	Circ. Circ.	4,000'-4,093' Perf.	TA'd w/CIBP @ 3,904'.
30-025-07533	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	241	P	Active	990'	S	2310'	W	N	32	18S	38E	Dec-48	4,270'	17 1/4"	13 3/8"	328'	325	Surface	Circ.	8 3/4"	7"	4,099'	825	2,150' *	T.S.	4,068'-4,082' Perf. 4,099'-4,236' O.H.	Byers-Seven Rivers completion 3,650'-3,730' squeezed & abandoned.
*7" casing perforated @ 2,100' and cemented w/600 sx. TOC by T.S. @ 1,450'. 7" casing perforated @ 1,398' and cemented w/400 sx.																													
30-025-31933	DC Energy, LLC	Mexico "U"	4	P	Active	990'	N	1650'	E	B	8	19S	38E	Apr-93	4,100'	12 1/4"	8 5/8"	413'	250	Surface	Circ.	7 7/8"	5 1/2"	4,100'	1100	Surface	Circ.	4,024'-4,058' Perf.	
30-025-29459	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	201	P	TA	2310'	N	1028'	E	H	6	19S	38E	Nov-85	4,108'	18"	14"	40'	2.75 yd	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,591' 4,108'	875 850	Surface Surface	Circ. Circ.	3,981'-4,088' Perf.	TA'd w/CIBP @ 3,951'
30-025-12513	DC Energy, LLC	Mexico "U"	2	P	Active	1650'	N	1650'	E	G	8	19S	38E	Feb-59	4,164'	11"	8 5/8"	421'	225	Surface	Circ.	7 7/8"	5 1/2"	4,111'	300	2,511'	Calc.	4,079'-4,100' Perf. 4,111'-4,164' O.H.	
30-025-20047	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	91	P	TA	990'	S	330'	E	P	9	19S	38E	Jan-63	4,203'	11"	8 5/8"	402'	225	Surface	Circ.	7 7/8"	4 1/2"	4,114'	320	2,816' *	Calc.	4,056'-4,107' Perf. 4,114'-4,203' O.H.	TA'd w/CIBP @ 4,000'
*4 1/2" casing perforated @ 1,600' and cemented w/300 sx. Cemented down bradenhead w/300 sx. cement. TOC @ 4' from surface.																													
30-025-29411	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	204	P	TA	330'	S	330'	W	M	5	19S	38E	Dec-85	4,146'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,616' 4,146'	1050 1050	Surface Surface	Circ. Circ.	4,040'-4,130' Perf.	TA'd w/CIBP @ 3,990'.
30-025-20167	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	90	I	TA	890'	S	1650'	E	O	9	19S	38E	Jul-63	4,249'	11"	8 5/8"	400'	225	Surface	Circ.	7 7/8"	4 1/2"	4,150'	275	3,035'	Calc.	4,075'-4,135' Perf. 4,150'-4,249' O.H.	TA'd w/Packer @ 3,955'
30-025-23415	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	86	P	Active	2310'	S	1650'	W	K	10	19S	38E	Dec-69	4,219'	12 1/4"	8 5/8"	306'	225	Surface	Circ.	7 7/8"	5 1/2"	4,219'	450	1,819' *	Calc.	3,992'-4,218' Perf.	
*5 1/2" casing cut @ 680' and new 5 1/2" casing run from 680' to surface. Pumped 50 sx. down 8 5/8" bradenhead.																													
30-025-25127	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	112	I	Active	585'	S	710'	W	M	3	19S	38E	Oct-75	4,265'	12 1/4"	8 5/8"	375'	300	Surface	Circ.	7 7/8"	4 1/2"	4,265'	1600	Surface	Circ.	4,124'-4,228' Perf.	5 1/2" csg. stage cmt. 1st stage-150 sx. 2nd stage-1450 sx. DV Tool @ 3,500'
30-025-24447	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	192	I	Active	990'	S	1750'	E	O	5	19S	38E	Jun-73	4,280'	12 1/4"	8 5/8"	1,484'	750	Surface	Circ.	7 7/8"	5 1/2"	4,280'	430	2,200' *	File	4,076'-4,219' Perf.	
*5 1/2" casing perforated @ 1,485' and cemented to surface w/250 sx.																													
30-025-23530	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	21	P	TA	663'	N	1935'	W	C	3	19S	38E	Jul-70	4,320'	12 1/4"	8 5/8"	303'	200	Surface	Circ.	7 7/8"	5 1/2"	4,283'	675	683"	Calc.	4,007'-4,276' Perf. 4,283'-4,320' O.H.	TA'd w/CIBP @ 3,899'
*5 1/2" casing cemented to surface from a depth of approximately 585'. Amount of cement not indicated in well file.																													
30-025-31428	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	234	P	TA	2480'	N	1800'	W	F	4	19S	38E	Dec-91	4,297'	14 3/4"	10 3/4"	1,435'	1100	Surface	Circ.	9 7/8"	7"	4,293'	1600	Surface	Circ.	4,085'-4,242" Perf.	CIBP @ 4,035"
30-025-31429	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	236	P	Active	1403'	S	1746'	W	K	4	19S	38E	Nov-91	4,294'	14 3/4"	10 3/4"	1,517'	1100	Surface	Circ.	9 7/8"	7"	4,294'	1400	Surface	Circ.	4,089'-4,208" Perf.	
30-025-28343	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	140	P	Active	1485'	S	1245'	W	L	4	19S	38E	Nov-83	4,300'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,507' 4,295'	875 1450	Surface Surface	Circ. Circ.	4,089'-4,228' Perf.	
30-025-31424	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	238	I	Active	660'	S	2610'	E	O	4	19S	38E	Dec-91	4,296'	12 1/4"	8 5/8"	1,495'	1000	Surface	Circ.	7 7/8"	5 1/2"	4,296'	1200	Surface	Calc.	4,136'-4,254' Perf.	
30-025-31423	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	235	I	Active	2160'	S	2414'	W	K	4	19S	38E	Nov-91	4,297'	12 1/4"	8 5/8"	1,503'	1000	Surface	Circ.	7 7/8"	5 1/2"	4,297'	1200	Surface	Circ.	4,093'-4,227' Perf.	
30-025-28345	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	142	P	Active	1310'	S	1370'	E	O	4	19S	38E	Oct-83	4,298'	17 1/2"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,521' 4,297'	875 2025	Surface Surface	Circ. Circ.	4,101'-4,228' Perf.	5 1/2" csg. stage cmt. 1st stage-300 sx. 2nd stage-1725 sx. DV Tool @ 3,453'
30-025-31430	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	237	P	TA	1300'	S	1910'	E	O	4	19S	38E	Nov-91	5,200'	14 3/4"	10 3/4"	1,515'	1100	Surface	Circ.	9 7/8"	7"	4,298'	1500	Surface	Circ.	4,124'-4,260" Perf.	PBTD-CIBP @ 4,070' w/24' of cement Perfs sq w/210 sx. 20 sx. @ 5,073'; 30 sx. @ 4,248'
30-025-07632	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	50	I	TA	990'	S	990'	W	M	5	19S	38E	Aug-53	4,300'	11"	8 5/8"	332'	200	Surface	Circ.	7 7/8"	5 1/2"	4,299'	315	3,153' *	Calc.	3,998'-4,080' Perf.	
*5 1/2" casing stage cemented w/DV Tool @ 1,626'. 1st Stage-215 Sx. TOC @ 3,153' by calculation. 2nd Stage-100 Sx. TOC @ 1,093' by calculation.																													
30-025-28976	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	178	P	Active BHL	862' 726'	N N	1745' 1830'	W W	C C	5 5	19S 19S	38E 38E	Nov-84	4,299'	20"	14"	40'	4.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,486' 4,299'	825 1465	Surface Surface	Circ. Circ.	4,068'-4,253' Perf.	
30-025-28984	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	193	I	Active	945'	S	270'	E	P	5	19S	38E	Nov-84	4,300'	26"	14"	40'	4.25 yd	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,450' 4,300'	875 1175	Surface Surface	Circ. Circ.	4,124'-4,230' Perf.	
30-025-35452	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	834	P	TA	962'	S	2365'	E	O	32	18S	38E	Apr-01	4,300'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,511' 4,300'	850 850	Surface Surface	Circ. Circ.	4,050'-4,235' Perf. TA-CIBP @ 4,020'	5 1/2" csg. stage cmt. 1st stage-250 sx. 2nd stage-600 sx. DV Tool @ 3,510'
30-025-29082	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	190	P	Active	1568'	S	1105'	E	I	5	19S	38E	Dec-84	4,300'	26"	14"	40'	4.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,520' 4,300'	875 1200	Surface Surface	Circ. Circ.	4,084'-4,208' Perf.	
30-025-28356	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	153	P	Active	1105'	N	1485'	W	C	9	19S	38E	Sep-83	4,300'	20"	14"	30'	1.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,524' 4,300'	1000 1600	Surface Surface	Circ. Circ.	4,152'-4,247' Perf.	5 1/2" csg. stage cmt. 1st stage-350 sx. 2nd stage-1250 sx. DV Tool @ 3,371'

GROUP 4
Wells with Surface and Production Casing
 OCCIDENTAL PERMIAN LTD
 AREA OF REVIEW WELL DATA
 SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. EW	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-28335	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	131	P	Active	1383'	N	2498'	E	G	4	19S	38E	Oct-83	4,300'	17 1/2"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,525' 4,300'	925 1725	Surface Surface	Circ. Circ.	4,062'-4,203' Perf.	5 1/2" csg. stage cmt. 1st stage-400 sx. 2nd stage-1325 sx. DV Tool @ 3,290'
30-025-28350	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	147	P	Active	70'	N	2570'	W	C	9	19S	38E	Oct-83	4,300'	20"	14"	40'	3 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,529' 4,300'	875 1250	Surface 640'	Circ. T.S.	4,123'-4,256' Perf.	5 1/2" csg. stage cmt. 1st stage-200 sx. 2nd stage-1050 sx. DV Tool @ 3,457'
30-025-28544	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	171	I	TA	710'	N	640'	W	D	9	19S	38E	Feb-84	4,300'	20"	14"	38'	8	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,532' 4,300'	875 1500	Surface Surface	Circ. Circ.	4,152'-4,196' Perf.	TA'd w/Packer @ 3,990'
30-025-28344	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	141	P	Active	1478'	S	2595'	W	K	4	19S	38E	Sep-83	4,300'	17 1/2"	14"	31'	54	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,541' 4,300'	1175 1535	Surface Surface	Circ. Circ.	4,104'-4,231' Perf.	5 1/2" csg. stage cmt. 1st stage-285 sx. 2nd stage-1250 sx. DV Tool @ 3,396'
30-025-30954	Xeric Oil & Gas Corp.	Mexico "U"	3	P	SI	590'	N	2310'	E	B	8	19S	38E	Sep-90	4,300'	12 1/4"	8 5/8"	1,546'	740	Surface	Circ.	7 7/8"	5 1/2"	4,300'	525 1,500'	Calc.		4,055'-4,093' Perf.	
30-025-29054	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	194	P	Active	330'	S	2310'	E	O	5	19S	38E	Dec-84	4,300'	26"	14"	40'	5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,550' 4,300'	875 1000	Surface Surface	Circ. Circ.	4,126'-4,240' Perf.	
30-025-28985	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	195	P	TA	330'	S	990'	E	P	5	19S	38E	Oct-84	4,300'	26"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,550' 4,300'	875 950	Surface Surface	Circ. Circ.	4,124'-4,234' Perf.	TA'd w/ CIBP @ 4,075'
30-025-29520	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	207	I	Active	1944'	S	624'	W	L	5	19S	38E	Dec-85	4,300'	20"	14"	40'	2.75 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,578' 4,300'	1075 600	Surface 15'	Circ. T.S.	4,112'-4,210' Perf.	
30-025-29521	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	208	I	Active	931'	S	2263'	W	N	5	19S	38E	Dec-85	4,300'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,592' 4,300'	1050 1200	Surface Surface	Circ. Circ.	4,135'-4,238' Perf.	5 1/2" csg. stage cmt. 1st stage-150 sx. 2nd stage-1050 sx. DV Tool @ 3,800'
30-025-29519	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	206	I	TA	1640'	N	280'	E	H	6	19S	38E	Nov-85	4,300'	20"	14"	40'	4.75 yd	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,598' 4,300'	975 900	Surface Surface	Circ. Circ.	4,170'-4,230' Perf.	TA'd w/Packer @ 4,090'
30-025-28361	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	158	P	TA	1245'	N	2475'	W	C	10	19S	38E	Oct-83	4,300'	20"	14"	40'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,621' 4,300'	875 1100	Surface Surface	Circ. Circ.	4,030'-4,232' Perf.	TA'd w/ CIBP's @ 4,100' & 4,000'
30-025-28366	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	163	P	TA	2475'	S	2475'	W	K	10	19S	38E	Nov-83	4,300'	20"	14"	40'	3 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,635' 4,300'	875 1550	Surface Surface	Circ. Circ.	4,178'-4,212' Perf.	TA'd w/ CIBP @ 4,065'
30-025-28334	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	130	P	Active	1403'	N	1403'	W	F	4	19S	38E	Oct-83	4,305'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,495' 4,301'	875 1600	Surface Surface	Circ. Circ.	4,070'-4,244' Perf.	5 1/2" csg. stage cmt. 1st stage-375 sx. 2nd stage-1225 sx. DV Tool @ 3,374'
30-025-28360	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	157	P	Active BHL	1245' 1269'	N N	1245' 1295'	W W	D D	10 10	19S 19S	38E 38E	Nov-83	4,301'	20"	14"	40'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,524' 4,301'	875 1300	Surface Surface	Circ. Circ.	4,092'-4,224' Perf.	
30-025-28338	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	135	P	Active	2558'	N	1353'	W	F	4	19S	38E	Oct-83	4,302'	17 1/2"	14"	37'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,501' 4,302'	875 2225	Surface Surface	Circ. Circ.	3,907'-3,956' Perf.	5 1/2" csg. stage cmt. 1st stage-350 sx. 2nd stage-1875 sx. DV Tool @ 3,415'
30-025-28355	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	152	I	Active	623'	N	632'	E	A	9	19S	38E	Oct-83	4,306'	20"	14"	40'	3.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,512' 4,302'	865 1380	Surface Surface	Circ. Circ.	4,120'-4,232' Perf.	5 1/2" csg. stage cmt. 1st stage-1150 sx. 2nd stage-230 sx. DV Tool @ 1,419'
30-025-28349	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	146	P	Active BHL	75' 5'	N N	1205' 1311'	W W	D D	9 9	19S 19S	38E 38E	Nov-83	4,304'	12 1/4"	8 5/8"	1,526'	875	Surface	Circ.	7 7/8"	5 1/2"	4,302'	1575	Surface	Circ.	4,110'-4,236' Perf.	
30-025-30486	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	223	P	Active BHL	1257' 1330'	S S	1791' 1900'	W W	N K	34 34	18S 18S	38E 38E	Nov-88	4,307'	26"	16"	40'	Unk.	Unk.	N/A	14 3/4" 9 7/8"	10 3/4" 7"	1,634' 4,302'	1100 1300	Surface Surface	Circ. Circ.	4,160'-4,288" Perf.	
30-025-31422	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	233	I	Active	2245'	N	2420'	E	G	4	19S	38E	Dec-91	4,303'	12 1/4"	8 5/8"	1,509'	1000	Surface	Circ.	7 7/8"	5 1/2"	4,303'	1100	Surface	Circ.	4,086'-4,183' Perf.	
30-025-30981	Bradley McInroe d/b/a Big Al Oil & Gas	State Land Sec 9	2	P	Active	780'	S	1980'	W	N	9	19S	38E	Dec-91	4,314'	12 1/4"	8 5/8"	408'	250	Surface	Circ.	7 7/8"	5 1/2"	4,304'	1075	Surface	Calc.	2,826'-2,926' Perf.	Yates completion. Gb/SA Perfs 4,141'-4,240' isolated w/CIBP + cmt. to 4010'
30-025-31427	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	231	P	Active	1562'	N	2100'	W	F	4	19S	38E	Nov-91	4,305'	14 3/4"	10 3/4"	1,593'	1100	Surface	Circ.	9 7/8"	7"	4,305'	1400	Surface	Circ.	3,900'-3,982' Perf.	CIBP @ 4,000'
30-025-30487	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	224	P	Active BHL	625' 554'	N N	1530' 1442'	E E	B B	4 4	19S 19S	38E 38E	Nov-88	4,306'	26"	16"	40'	3.5 yd	Surface	Circ.	14 3/4" 9 7/8"	10 3/4" 7"	1,544' 4,306'	1000 1300	Surface Surface	Circ. Circ.	4,000'-4,040' Perf.	
30-025-28543	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	172	I	Active	1980'	N	635'	E	H	9	19S	38E	Feb-84	4,300'	20"	14"	38'	8	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,560' 4,306'	875 1150	Surface Surface	Circ. Circ.	4,144'-4,226' Perf.	
30-025-07634	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	39	I	Active	1980'	S	660'	W	L	5	19S	38E	Jun-53	4,310'	11"	8 5/8"	294'	250	Surface	Circ.	7 7/8"	5 1/2"	4,307'	315 3,161' *	Calc.		4,001'-4,051' Perf.	PBTD-4,072'
*5 1/2" casing stage cmtd. w/DV Tool @ 1,621'. 1st Stage-215 Sx. TOC @ 3,161' by calculation. 2nd Stage-100 Sx. TOC @ 1140' by T.S. 5 1/2" casing perforated @ 1120' and squeeze cmtd. w/250 sx. 5 1/2" casing perforated @ 350' and cmt. to sur. w/300 sx.																													
30-025-07633	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	51	I	TA	990'	S	2310'	W	N	5	19S	38E	Jul-53	4,313'	11"	8 5/8"	297'	250	Surface	Circ.	7 7/8"	5 1/2"	4,307'	305 3,214' *	Calc.		3,993'-4,110' Perf.	TA'd w/CIBP @ 3,968'
*5 1/2" casing stage cemented w/DV Tool @ 1,505'. 1st Stage-205 Sx. TOC @ 3,214' by calculation. 2nd Stage-100 Sx. TOC @ 972' by calculation.																													
30-025-28340	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	137	P	Active BHL	2458' 2592'	S S	1180' 1214'	E E	I I	4 4	19S 19S	38E 38E	Nov-83	4,310'	17 1/2"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,551' 4,307'	875 1250	Surface Surface	Circ. Circ.	4,086'-4,230' Perf.	
30-025-28304	Occidental Permian Ltd.	S. Hobbs G/SA COOP	1	I	TA BHL	200' 9'	N N	1380' 1288'	E E	B A	6 6	19S 19S	38E 38E	Sep-83	4,312'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,505' 4,308'	1100 1150	Surface Surface	Circ. Circ.	4,167'-4,239' Perf. TA'd Pkr. @ 4,041'	5 1/2" csg. stage cmt. 1st stage-250 sx. 2nd stage-900 sx. DV Tool @ 3,415'
30-025-07670	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	71	I	TA	1650'	N	990'	W	E	9	19S	38E	Sep-53	4,310'	11"	8 5/8"	302'	150	Surface	Calc.	7 7/8"	5 1/2"	4,309'	420 2,603'/1105'	Calc.		4,004'-4,243' Perf. TA pkr. @ 3,935'	5 1/2" csg. stage cmt. 1st stage-320 sx. 2nd stage-100 sx. DV Tool @ 1,638'

GROUP 4
Wells with Surface and Production Casing
 OCCIDENTAL PERMIAN LTD
 AREA OF REVIEW WELL DATA
 SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. EW	EW	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTA DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS	
30-025-07667	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	72	I	TA	1650'	N	2310'	W	F	9	19S	38E	Jul-53	4,310'	11"	8 5/8"	304'	140	Surface	Circ.	7 7/8"	5 1/2"	4,309'	420	2,739'/1105'	Calc.	4,155'-4,230' Perf. TA'd Pkr. @ 3,914'	5 1/2" csg. stage cmt. 1st stage-320 sx. 2nd stage-100 sx. DV Tool @ 1,638'	
30-025-31420	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	229	I	Active	1088'	N	1977'	W	C	4	19S	38E	Nov-91	4,310'	12 1/4"	8 5/8"	1,458'	1000	Surface	Circ.	7 7/8"	5 1/2"	4,310'	1200	Surface	Circ.	4,068'-4,233' Perf.		
30-025-29891	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	220	P	Active BHL	1425' 550'	N	1480' 1400'	W	F	4	19S	38E	May-87	4,479'	26"	16"	41'	3.75 yd	Surface	Circ.	14 3/4" 9 7/8"	10 3/4" 7"	1,449' 4,479'	1200 818	Surface Surface *	Circ.	4,202'-4,390' Perf.	5 1/2" csg. stage cmt. 1st stage-250 sx. DV Tool @ 3,913' would not open.	
*7" casing perforated at 3,250' and cemented w/200 Sx. 7" casing perforated @ 1,350' and cemented to surface w/368 sx.																														
30-025-29730	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	214	P	Active	1720'	N	549'	W	E	4	19S	38E	Sep-86	4,310'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,501' 4,310'	1000 800	Surface Surface	Circ.	4,073'-4,278' Perf.	5 1/2" csg. stage cmt. 1st stage-100 sx. 2nd stage-700 sx. DV Tool @ 3,795'	
30-025-31212	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	228	P	Active	660'	N	1140'	W	D	5	19S	38E	Jun-91	4,310'	14 3/4"	10 3/4"	1,618'	1100	Surface	Calc.	9 7/8"	7"	4,310'	1450	Surface	Circ.	3,896'-4,197' Perf.		
30-025-28979	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	181	P	Active BHL	1120' 1308'	N	1275' 1321'	E	A	5	19S	38E	Oct-84	4,315'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,492' 4,315'	875 1100	Surface Surface*	Circ. Calc./Circ.	4,064'-4,206' Perf.		
*5 1/2" csg. did not circulate to surface during initial well drilling. 5 1/2" csg. perforated @ 1,500'-1,501' and cemented to surface w/300 sx.																														
30-025-29085	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	189	P	Active BHL	1685' 1501'	S	2475' 2462'	E	J	5	19S	38E	Jan-85	4,315'	26"	14"	40'	5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,529' 4,315'	875 2060	Surface Surface	Circ.	4,112'-4,228' Perf.	5 1/2" csg. stage cmt. DV Tool @ 3,494'	
30-025-28341	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	138	P	Active BHL	2490' 2628'	S	173' 47'	E	I	4	19S	38E	Dec-83	4,315'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,595' 4,315'	875 1050	Surface Surface	Circ.	4,090'-4,290' Perf.		
30-025-28363	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	160	P	Active	2475'	N	2425'	E	G	9	19S	38E	Sep-83	4,315'	20"	14"	40'	3 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,609' 4,315'	925 1650	Surface Surface	Circ.	4,175'-4,252' Perf.	5 1/2" csg. stage cmt. 1st stage-200 sx. 2nd stage-1450 sx. DV Tool @ 3,386'	
30-025-28977	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	179	P	Active BHL	1488' 1351'	N	2490' 2465'	W	F	5	19S	38E	Nov-84	4,316'	20"	14"	40'	6.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,490' 4,316'	875 1400	Surface Surface	Circ.	4,068'-4,198' Perf.		
30-025-31421	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	230	I	Active	1100'	N	2220'	E	B	4	19S	38E	Nov-91	4,317'	12 1/4"	8 5/8"	1,485'	1000	Surface	Circ.	7 7/8"	5 1/2"	4,317'	1200	Surface	Circ.	4,070'-4,215' Perf.		
30-025-28973	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	175	P	TA BHL	1010' 924'	N	820' 938'	E	A	6	19S	38E	Nov-84	4,319'	26"	14"	40'	5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,555' 4,319'	875 850	Surface Surface	Circ.	3,958'-4,274' Perf.	TA'd w/CIBP @ 3,800'	
30-025-28362	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	159	P	TA	2335'	N	1675'	W	F	9	19S	38E	Sep-83	4,321'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,580' 4,321'	925 1300	Surface Surface	Circ.	4,060'-4,196' Perf. TA-CIBP @ 4,009'	5 1/2" csg. stage cmt. 1st stage-150 sx. 2nd stage-1150 sx. DV Tool @ 3,387'	
30-025-28339	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	136	P	Active BHL	2490' 2630'	N	2504' 2604'	W	F	4	19S	38E	Nov-83	4,322'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,500' 4,322'	875 1400	Surface Surface	Circ.	4,090'-4,236' Perf.		
30-025-29084	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	185	P	Active BHL	2564' 2,661'	N	1200' 1312'	E	H	5	19S	38E	Jan-85	4,324'	26"	14"	39'	4.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,498' 4,324'	875 1400	110' * 535'	T.S. T.S.	4,086'-4,204' Perf.		
*Ran 1" pipe and cemented 8 5/8" csg. to surface w/106 sx.																														
30-025-28359	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	156	P	Active BHL	1370' 1343'	N	330' 52'	E	H	9	19S	38E	Dec-83	4,324'	20"	14"	40'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,575' 4,324'	875 1550	Surface Surface	Circ.	4,140'-4,276' Perf.		
30-025-28982	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	188	P	Active BHL	1493' 1467'	S	1802' 1518'	W	K	5	19S	38E	Dec-84	4,325'	26"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,583' 4,325'	875 1000	Surface 375'	Circ. T.S.	4,139'-4,289' Perf.		
30-025-28983	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	191	P	Active BHL	1585' 1603'	S	395' 236'	W	L	4	19S	38E	Oct-84	4,326'	17 1/2"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,515' 4,326'	875 1000	Surface Surface	Circ.	4,102'-4,210' Perf.		
30-025-29752	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	213	I	Active BHL	890' 685'	N	1275' 1393'	E	A	5	19S	38E	Oct-86	4,329'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,482' 4,329'	850 950	Surface Surface	Circ.	4,078'-4,227' Perf.		
30-025-28975	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	177	P	Active BHL	592' 665'	N	416' 725'	W	D	5	19S	38E	Oct-84	4,330'	26"	14"	40'	4 yd	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,475' 4,330'	875 875	Surface Surface	Circ.	4,105'-4,211' Perf.		
30-025-28346	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	143	P	Active BHL	1160' 1305'	S	330' 5'	E	P	4	19S	38E	Nov-83	4,334'	17 1/2"	14"	40'	3.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,558' 4,334'	875 1650	Surface Surface	Circ.	4,122'-4,310' Perf.		
30-025-28365	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	162	P	Active BHL	2630' 2600'	N	395' 1'	E	H	9	19S	38E	Dec-83	4,335'	20"	14"	40'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,562' 4,335'	875 1000	Surface 530'	Circ. T.S.	4,170'-4,262' Perf.		
30-025-35305	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	242	P	Active BHL	1556' 1306'	N	1102' 599'	E	H	5	19S	38E	Dec-00	4,342'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,500' 4,342'	750 1600	Surface Surface	Circ.	4,108'-4,269' Perf.	5 1/2" csg. stage cmt. 1st stage-200 sx. 2nd stage-1400 sx. DV Tool @ 3,496"	
30-025-28358	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	155	P	Active BHL	1158' 1324'	N	1568' 1299'	E	B	9	19S	38E	Nov-83	4,342'	20"	14"	40'	3 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,580' 4,342'	900 975	Surface Surface	Circ.	4,150'-4,320' Perf.		
30-025-29753	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	215	I	Active BHL	1398' 993'	N	1227' 1222'	W	E	4	19S	38E	Oct-86	4,343'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,485' 4,343'	900 810	Surface Surface	Circ.	4,110'-4,280' Perf.	5 1/2" csg. stage cmt. 1st stage-110 sx. 2nd stage-700 sx. DV Tool @ 3,821'	
30-025-28352	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	149	P	Active BHL	150' 23'	N	380' 9'	E	A	9	19S	38E	Dec-83	4,343'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,522' 4,343'	875 1200	Surface Surface	Circ.	4,154'-4,278' Perf.		
30-025-28974	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	176	I	Active	1200'	N	213'	E	A	6	19S	38E	Nov-84	4,344'	26"	14"	40'	5 yd.	Surface	Circ.	12 1/4"	8 5/8"	1,569'	875	Surface	Circ.	4,181'-4,221' Perf.	IPBTD-4,236'	

GROUP 4
Wells with Surface and Production Casing
 OCCIDENTAL PERMIAN LTD
 AREA OF REVIEW WELL DATA
 SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. EW	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
					BHL	1151'	N	129'	W	D	5	19S	38E									7 7/8"	5 1/2"	4,344'	750	Surface	Circ.		
30-025-28336	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	132	P	Active BHL	1790' 1400'	N N	1185' 1236'	E E	H H	4 4	19S 19S	38E 38E	Dec-83	4,345'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,562' 4,345'	875 1000	Surface Surface	Circ. Circ.	4,104'-4,300' Perf.	
30-025-29756	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	218	I	Active BHL	652' 985'	N N	563' 280'	E E	A A	4 4	19S 19S	38E 38E	Nov-86	4,346'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,568' 4,345'	1000 985	Surface Surface	Circ. Circ.	4,106'-4,282' Perf.	
30-025-28364	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	161	P	TA	2630'	N	1331'	E	G	9	19S	38E	Nov-83	4,345'	20"	14"	40'	3 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,599' 4,345'	875 1250	Surface Surface	Circ. Circ.	4,034'-4,205' Perf.	TA'd w/CIBP @ 3,985'
30-025-28333	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	129	I	Active BHL	100' 3'	S S	900' 1322'	W W	M N	34 34	18S 18S	38E 38E	Oct-83	4,345'	20"	14"	38'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,642' 4,345'	875 1600	Surface Surface	Circ. Circ.	4,143'-4,277' Perf. PBTD-4,280'	
30-025-28969	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	10	I	Active BHL	2564' 2631'	S S	1607' 1316'	W W	K L	34 34	18S 18S	38E 38E	Oct-84	4,345'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,650' 4,345'	875 1100	Surface Surface	Circ. Circ.	4,141'-4,201' Perf. PBTD-4,263'	
30-025-28351	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	148	P	Active BHL	192' 0'	N N	990' 1305'	E E	A A	9 9	19S 19S	38E 38E	Nov-83	4,346'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,559' 4,346'	875 1350	Surface Surface	Circ. Circ.	4,160'-4,290' Perf.	
30-025-28353	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	150	P	Active BHL	330' 27'	N S	1220' 1303'	W W	D M	10 3	19S 19S	38E 38E	Nov-83	4,349'	20"	14"	40'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,591' 4,349'	875 1225	Surface Surface	Circ. Circ.	4,110'-4,290' Perf.	
30-025-29757	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	219	I	Active BHL	657' 899'	N N	787' 1200'	W W	D D	3 3	19S 19S	38E 38E	Nov-86	4,353'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,641' 4,353'	1000 900	Surface Surface	Circ. Circ.	4,156'-4,346' Perf.	
30-025-28972	Occidental Permian Ltd.	S. Hobbs G/SA COOP Ut.	13	I	Active BHL	505' 10'	N N	2560' 2630'	E E	B B	3 3	19S 19S	38E 38E	Nov-84	4,371'	20"	14"	40'	5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,625' 4,365'	875 1150	Surface Surface	Circ. Circ.	4,240'-4,360' Perf.	
30-025-29750	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	211	P	Active BHL	1790' 1594'	N N	1420' 904'	W W	F E	5 5	19S 19S	38E 38E	Oct-86	4,367'	20"	14"	36'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,460' 4,367'	1000 1000	Surface Surface	Circ. Circ.	3,952'-3,965' Perf.	5 1/2" csg. stage cmt. 1st stage-100 sx. 2nd stage-900 sx. DV Tool @ 3,797'
30-025-29906	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	343	P	Active	660'	S	1550'	E	O	32	18S	38E	May-87	4,370'	20"	14"	40'	Unk.	Unk.	N/A	12 1/4" 8 3/4"	9 5/8" 7"	1,498' 4,370'	600 1150	Surface Surface	Circ. Circ.	4,070'-4,208' Perf.	
30-025-28951	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	323	P	Active	2525'	N	1453'	E	G	33	18S	38E	Jun-85	4,370'	17 1/2"	13 3/8"	40'	Unk.	Unk.	N/A	12 1/4" 8 3/4"	9 5/8" 7"	1,517' 4,370'	650 925	Surface Surface	Circ. Calc.	4,003'-4,221' Perf.	
30-025-37271	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	246	P	Active BHL	659' 549'	N N	467' 59'	E W	A D	4 3	19S 19S	38E 38E	Jul-05	4,383'	26"	16"	40'	100	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,531' 4,371'	750 950	Surface Surface	Circ. Circ.	4,120'-4,272' Perf.	5 1/2" csg. stage cmt. 1st stage-250 sx. 2nd stage-700 sx. DV Tool @ 3,497'
30-025-28307	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	4	I	Active BHL	494' 25'	N N	1025' 1310'	E E	A A	4 4	19S 19S	38E 38E	Aug-83	4,374'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,529' 4,374'	1100 1100	Surface Surface	Circ. Circ.	4,126'-4,320' Perf.	5 1/2" csg. stage cmt. 1st stage-225 sx. 2nd stage-875 sx. DV Tool @ 3,399'
30-025-29444	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	197	P	TA BHL	2030' 2609'	S S	860' 740'	W W	L L	34 34	18S 18S	38E 38E	Nov-85	4,378'	26"	16"	40'	Unk.	Unk.	N/A	14 3/4" 9 7/8"	10 3/4" 7"	1,535' 4,378'	1300 1350	Surface Surface	Circ. Circ.	4,038'-4,240" Perf. PBTD-4,240'	TA'd w/ CIBP @ 3,909' w/10' of cmt.
30-025-28266	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	342	I	Active BHL	475' 5'	S N	1437' 1294'	E E	O A	32 5	18S 19S	38E 38E	Sep-83	4,430'	20"	16"	30'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,522' 4,380'	700 650	Surface 1,086'	Circ. Calc.	4,083'-4,283' Perf.	
30-025-28267	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	342	I	Active BHL	125' 37'	S S	2,730' 2,699'	W W	O O	33 33	18S 18S	38E 38E	Oct-83	4,380'	20"	16"	40'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,565' 4,380'	650 725	Surface 515'	Circ. Calc.	4,068'-4,256' Perf.	
30-025-35011	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	734	P	Active BHL	511' 669'	S S	2275' 2672'	E E	O N	33 33	18S 18S	38E 38E	May-00	4,383'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,543' 4,383'	700 1000	Surface Surface	Circ. Circ.	4,095'-4,283' Perf.	
30-025-35318	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	241	P	Active BHL	1063' 628'	N N	498' 67'	W E	D A	4 5	19S 19S	38E 38E	Jan-01	4,384'	20"	16"	40'	50	Surface	Circ.	13 3/8" 8 3/4"	9 5/8" 7"	1,500' 4,384'	1100 1150	Surface Surface	Circ. Circ.	4,126'-4,338' Perf.	7" csg. stage cmt. 1st stage-250 sx. 2nd stage-900 sx. DV Tool @ 3,494'
30-025-29751	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	212	I	Active BHL	1478' 874'	N N	2589' 2465'	W W	F C	5 5	19S 19S	38E 38E	Oct-86	4,385'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,467' 4,385'	900 925	Surface Surface	Circ. Circ.	4,132'-4,319' Perf.	
30-025-35534	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	844	P	Active BHL	1051' 616'	S S	217' 46'	W E	M P	33 33	18S 18S	38E 38E	May-01	4,385'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,522' 4,385'	850 900	Surface Surface	Circ. Circ.	4,106'-4,258' Perf.	5 1/2" csg. stage cmt. 1st stage-250 sx. 2nd stage-650 sx. DV Tool @ 3,523'
30-025-34993	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	524	P	Active BHL	1082' 837'	S S	1673' 1320'	W W	N N	33 33	18S 18S	38E 38E	May-00	4,386'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,568' 4,386'	750 1000	Surface Surface	Circ. Circ.	4,090'-4,278' Perf.	
30-025-28332	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	128	I	Active BHL	335' 1'	N S	520' 26'	W E	D P	3 33	19S 18S	38E 38E	Oct-83	4,389'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,616' 4,389'	925 1375	Surface Surface	Circ. Circ.	4,132'-4,268' Perf.	5 1/2" csg. stage cmt. 1st stage-275 sx. 2nd stage-1100 sx. DV Tool @ 3,384'
30-025-29893	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	222	P	Active BHL	2019' 1425'	S S	817' 590'	W W	L L	34 34	18S 18S	38E 38E	Jun-87	4,390'	26"	16"	39'	3.5 yd.	Surface	Circ.	14 3/4" 9 7/8"	10 3/4" 7"	1,604' 4,390'	1000 1400	Surface Surface	Circ. Circ.	4,140'-4,344" Perf.	
30-025-34946	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	239	I	Active	1984'	S	370'	E	I	5	19S	38E	Jun-00	4,395'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,462' 4,395'	725 1000	Surface Surface	Circ. Circ.	4,085'-4,194' Perf.	
30-025-31662	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	144	I	Active	786'	S	1175'	W	M	32	18S	38E	Nov-93	4,400'	17 1/2"	13 3/8"	40'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,545' 4,400'	850 810	Surface Surface	Circ. Circ.	4,041'-4,247' Perf.	

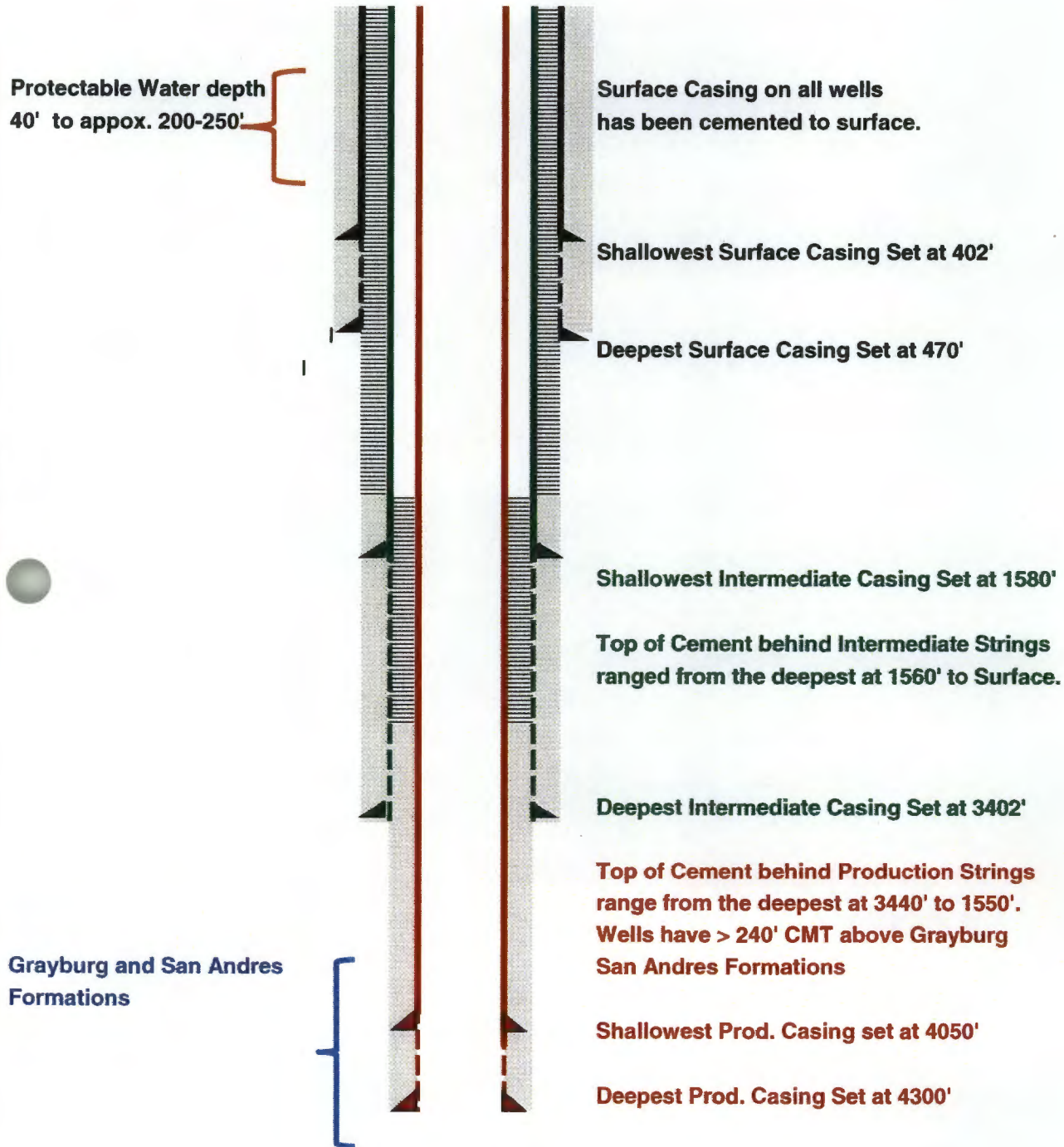
GROUP 4
Wells with Surface and Production Casing
 OCCIDENTAL PERMIAN LTD
 AREA OF REVIEW WELL DATA
 SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. HES	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	BET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	BET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS	
30-025-34997	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	543	I	Active BHL	2630' 2744'	N N	318' 798'	E E	H I	33 33	18S 18S	38E 38E	Jul-00	4,400'	18"	14"	40'	50	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,622' 4,400'	725 950	Surface Surface	Circ. Circ.	4,096'-4,280' Perf.	5 1/2" csg. stage cmt. 1st stage-150 sx. 2nd stage-800 sx.	
30-025-26375	Occidental Permian Ltd.	Turner Tr. 2	30	P	Active	1990'	N	511'	W	E	34	18S	38E	Aug-79	7,050'	17 1/2"	13 3/8"	420'	450	Surface	Circ.	12 1/4" 8 3/4"	9 5/8" 7"	4,403' 7,050'	1250 400	Surface * 4,045'	Calc. T.S.	6,665'-6,986' Perf.	Hobbs-Drinkard completion	
Well plugged back & sidetracked @ 3,672', 3,847' and 3,970'. *9 5/8" casing perforated @ 2,060'-2,062' and cemented to surface w/9,200 sx. cmt. as per well file.																														
30-025-29892	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	221	P	Active BHL	1091' 490'	N N	2411' 2580'	W E	C B	4 4	19S 19S	38E 38E	Jun-87	4,404'	26"	16"	40'	3.5 yd	Surface	Circ.	14 3/4" 9 7/8"	10 3/4" 7"	1,534' 4,404'	1000 1400	Surface Surface	Circ. Circ.	4,130'-4,332' Perf.		
30-025-28970	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	11	I	Active BHL	2500' 2631'	S S	1660' 2327'	W W	K K	34 34	18S 18S	38E 38E	Nov-84	4,410'	26"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,670' 4,410'	875 1150	Surface Surface	Circ. Circ.	4,246'-4,400' Perf.		
30-025-28971	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	12	I	Active BHL	636' 1300'	S S	2348' 2624'	W W	N N	34 34	18S 18S	38E 38E	Oct-84	4,441'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,620' 4,414'	875 1500	Surface Surface	Circ. Circ.	4,244'-4,410' Perf.		
30-025-28337	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	133	P	Active BHL	1840' 1330'	N N	748' 1310'	W W	E E	3 3	19S 19S	38E 38E	Nov-83	4,421'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,580' 4,421'	875 1300	Surface Surface	Circ. Circ.	4,204'-4,408' Perf.		
30-025-28305	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	2	I	Active BHL	645' 1'	N S	453' 74'	W W	D M	4 33	19S 18S	38E 38E	Aug-83	4,423'	17 1/2"	13 3/8"	40'	4.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,500' 4,423'	900 1275	Surface Surface	Circ. Circ.	4,159'-4,348' Perf.	5 1/2" csg. stage cmt. 1st stage-225 sx. 2nd stage-1050 sx. DV Tool @ 3,413'	
30-025-29755	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	217	I	Active BHL	1407' 1016'	N N	2203' 1572'	E E	G B	4 4	19S 19S	38E 38E	Oct-86	4,427'	20"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,548' 4,427'	900 950	Surface Surface	Circ. Circ.	4,175'-4,363' Perf.		
30-025-30308	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	433	P	Active BHL	1847' 1867'	S S	985' 360'	E E	I I	33 33	18S 18S	38E 38E	Apr-88	4,432'	17 1/2"	14"	53'	Unk.	Unk.	N/A	12 1/4" 8 3/4"	9 5/8" 7"	1,639' 4,430'	750 1150	Surface Surface	Circ. Circ.	4,120'-4,296' Perf.		
30-025-28331	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	127	I	Active BHL	1980' 1280'	S S	860' 1234'	W W	L M	34 34	18S 18S	38E 38E	Oct-83	4,433'	20"	14"	40'	5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,600' 4,433'	925 1350	Surface Surface	Circ. Circ.	4,180'-4,418' Perf.	5 1/2" csg. stage cmt. 1st stage-250 sx. 2nd stage-1100 sx. DV Tool @ 3,410'	
30-025-28978	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	180	P	Active BHL	990' 661'	N N	1275' 1968'	E E	A B	5 5	19S 19S	38E 38E	Oct-84	4,442'	20"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,485' 4,436'	875 1485	Surface Surface	Circ. Circ.	4,155'-4,305' Perf.		
30-025-35742	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	244	P	TA BHL	2246' 1975'	N N	597' 9'	W W	E E	34 34	18S 18S	38E 38E	Dec-01	4,437'	20"	16"	40'	50	Surface	Circ.	13 1/2" 8 3/4"	9 5/8" 7"	1,560' 4,437'	850 1150	Surface Surface	Circ. Calc.	4,167'-4,342" Perf.	TA'd w/CIBP @ 4,146' w/4 sx. cmt on top.	
30-025-35743	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	843	P	Active BHL	1933' 1393'	S S	294' 804'	E E	I I	33 33	18S 18S	38E 38E	Dec-01	4,448'	20"	16"	40'	50	Surface	Circ.	13 3/8" 8 3/4"	9 5/8" 7"	1,574' 4,437'	850 950	Surface Surface	Circ. Circ.	4,148'-4,288' Perf.	7" csg. stage cmt. 1st stage-250 sx. 2nd stage-700 sx. DV Tool @ 3,575'	
30-025-28269	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	432U	I	Active BHL	1842' 1371'	S S	1029' 1390'	E E	I J	33 33	18S 18S	38E 38E	Nov-83	4,445'	20"	16"	30'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,615' 4,438'	750 950	Surface Surface	Circ. Circ.	4,107'-4,297' Perf.	5 1/2" csg. stage cmt. 1st stage-250 sx. 2nd stage-700 sx. DV Tool @ 2,925"	
30-025-28342	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	139	P	Active BHL	2052' 2575'	N N	1941' 2431'	W W	F F	3 3	19S 19S	38E 38E	Nov-83	4,441'	26"	20"	35'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,649' 4,441'	900 850	Surface 2,150"	Circ. CBL	4,277'-4,420' Perf.		
*5 1/2" casing perforated @ 1,680' and cemented to surface w/500 sx.																														
30-025-28309	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	6	I	Active BHL	1950' 1290'	N N	535' 58'	W W	E D	34 34	18S 18S	38E 38E	Sep-83	4,444'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,640' 4,444'	1000 1700	Surface Surface	Circ. Circ.	4,215'-4,387' Perf.	5 1/2" csg. stage cmt. 1st stage-350 sx. 2nd stage-1350 sx. DV Tool @ 3,390'	
30-025-28265	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	142	I	Active BHL	610' 31'	S S	1210' 1377'	W W	M N	32 32	18S 18S	38E 38E	Sep-83	4,460'	20"	16"	40'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,525' 4,460'	850 680	Surface 833'	Circ. Calc.	4,135'-4,279' Perf.	PBTD-4,285'	
30-025-28354	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	151	P	TA BHL	710' 22'	N S	2410' 2471'	E W	B N	10 3	19S 19S	38E 38E	Oct-83	4,462'	20"	14"	40'	4 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,638' 4,462'	925 1700	Surface Surface	Circ. Circ.	4,280'-4,442' Perf.	5 1/2" csg. stage cmt. 1st stage-400 sx. 2nd stage-1300 sx. DV Tool @ 3,443'	
30-025-29083	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	184	P	Active BHL	1766' 2,637'	N N	2488' 2597'	W W	F F	5 5	19S 19S	38E 38E	Jan-85	4,465'	26"	14"	40'	4.5 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,505' 4,465'	875 1000	Surface 1,415'	Circ. T.S.	4,192'-4,406' Perf.		
*5 1/2" csg. perforated @ 1,400' and cemented to surface w/250 sx.																														
30-025-28268	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	422	I	Active BHL	2181' 2645'	N N	498' 22'	E W	H L	33 34	18S 18S	38E 38E	Oct-83	4,476'	20"	16"	30'	40	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,660' 4,476'	650 750	Surface Surface	Circ. Circ.	4,144'-4,313' Perf.		
30-025-28347	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	144	P	Active BHL	580' 1316'	S S	755' 1337'	W W	M N	3 3	19S 19S	38E 38E	Sep-83	4,486'	20"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,582' 4,486'	1000 1735	Surface Surface	Circ. Circ.	4,290'-4,416' Perf.	5 1/2" csg. stage cmt. 1st stage-385 sx. 2nd stage-1350 sx. DV Tool @ 3,382'	
Well initially drilled to a total depth of 4,384' & plugged back. Set 250 sx. cmt. plug 3,900'-4,384'; Set 125 sx. cmt. plug 2,700'-2,900'; Set 375 sx. cmt. plug 1,700'-2,100'. Well kicked off @ 1,705' and directionally drilled.																														
30-025-28306	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	3	I	Active BHL	645' 25'	N N	2045' 1330'	W W	C C	4 4	19S 19S	38E 38E	Sep-83	4,494'	17 1/2"	14"	40'	2 yd.	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,500' 4,494'	1000 2150	Surface Surface	Circ. Circ.	4,248'-4,447' Perf.	5 1/2" csg. stage cmt. 1st stage-350 sx. 2nd stage-1800 sx. DV Tool @ 3,380'	
30-025-28348	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	145	P	Active BHL	577' 1345'	S S	1984' 2457'	W W	N K	3 3	19S 19S	38E 38E	Sep-83	4,498'	20"	14"	38'	Unk.	Unk.	N/A	12 1/4" 7 7/8"	8 5/8" 5 1/2"	1,650' 4,498'	1125 1400	Surface Surface	Circ. Circ.	4,316'-4,420' Perf.		
30-025-35758	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	535	P	Active BHL	2188' 1259'	S S	2510' 3327'	W W	K O	33 33	18S 18S	38E 38E	Jan-02	4,646'	20"	16"	40'	50	Surface	Circ.	13 3/8" 8 3/4"	9 5/8" 7"	1,587' 4,646'	950 950	Surface Surface	Circ. Circ.	4,318'-4,425' Perf.	7" csg. stage cmt. 1st stage-250 sx. 2nd stage-700 sx. DV Tool @ 3,487'	
30-025-39955	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	248	P	New-Not Drilled	125' 120'	N S	455' 90'	W W	D M	9 4	19S 19S	38E 38E	NYD	5,370'	12 1/4"	9 5/8"	1,525'	670	Surface	Circ.	8 3/4"	5 1/2"	5370'	1290	Surface	Circ.		Proposed Grayburg-San Andres Completion. APD Expires 11/23/2012	
Proposed casing & cementing design																														
30-025-28981	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	186	P	Active	2420'	N	213'	W	E	4	19S	38E	Oct-84	4,310'	20"	14"	39'	2 yd.	Surface	Circ.	12 1/4"	8 5/8"	1,479'	875	Surface	Circ.	4,073'-4,203' Perf.		

GROUP 4
Wells with Surface and Production Casing
OCCIDENTAL PERMIAN LTD
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
					BHL	2530'	N	246'	W	E	4	19S	38E									7 7/8"	5 1/2"	4,310'	2000	Surface	Circ.		
30-025-26980	Occidental Permian Ltd.	State "A"	38	P	TA	1880'	S	1730'	E	J	4	19S	38E	Oct-80	3,750'	12 1/4"	9 5/8"	408'	350	Surface	Circ.	8 3/4"	7"	3,750'	1042	Surface	Circ.	2,711'-3,723' Perf.	Yates-Seven Rivers Completion
30-025-39955	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	248	P	New-Not Drilled	125'	N	455'	W	D	9	19S	38E	NYD	5,370'	12 1/4"	9 5/8"	1,525'	670	Surface	Circ.	8 3/4"	5 1/2"	5370'	1290	Surface	Circ.		Proposed Grayburg-San Andres Completion. APD Expires 11/23/2012
						120'	S	90'	W	M	4	19S	38E		Proposed casing & cementing design														
30-025-28980	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	183	P	Active BHL	2540'	N	1423'	W	F	5	19S	38E	Oct-84	4,323'	26"	14"	40'	2.5 yd.	Surface	Circ.	12 1/4"	8 5/8"	1,516'	875	Surface	Circ.	4,122'-4,247' Perf.	
						2609'	N	1342'	W	F	5	19S	38E								7 7/8"	5 1/2"	4,312'	900	Surface	Circ.			
30-025-28308	Occidental Permian Ltd.	S. Hobbs G/SA Ut. COOP	5	I	Active	1980'	S	646'	W	L	34	18S	38E		4490	17 1/2"	13 3/8"	40'	4.5 yd.			12 1/4"	8 5/8"	1628'	1000	Surface	Circ	4173'-4490' perms	
30-025-35349	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	644	P	Active BHL	1639	N	938	E	L	27	18S	38E	Feb-2001	4571	20	16	40	50	Surface	Circ	13 3/8	9 5/8	1621	1050	Surface	Circ	4350-4498 Perfs	
						1012	S	338	E	P	28	18S	38E								8 3/4	7	4571	950	Surface	Circ			

GROUP 5
SA/Grayburg Wells with Surface, Intermediate and Production Casing
5 Wells

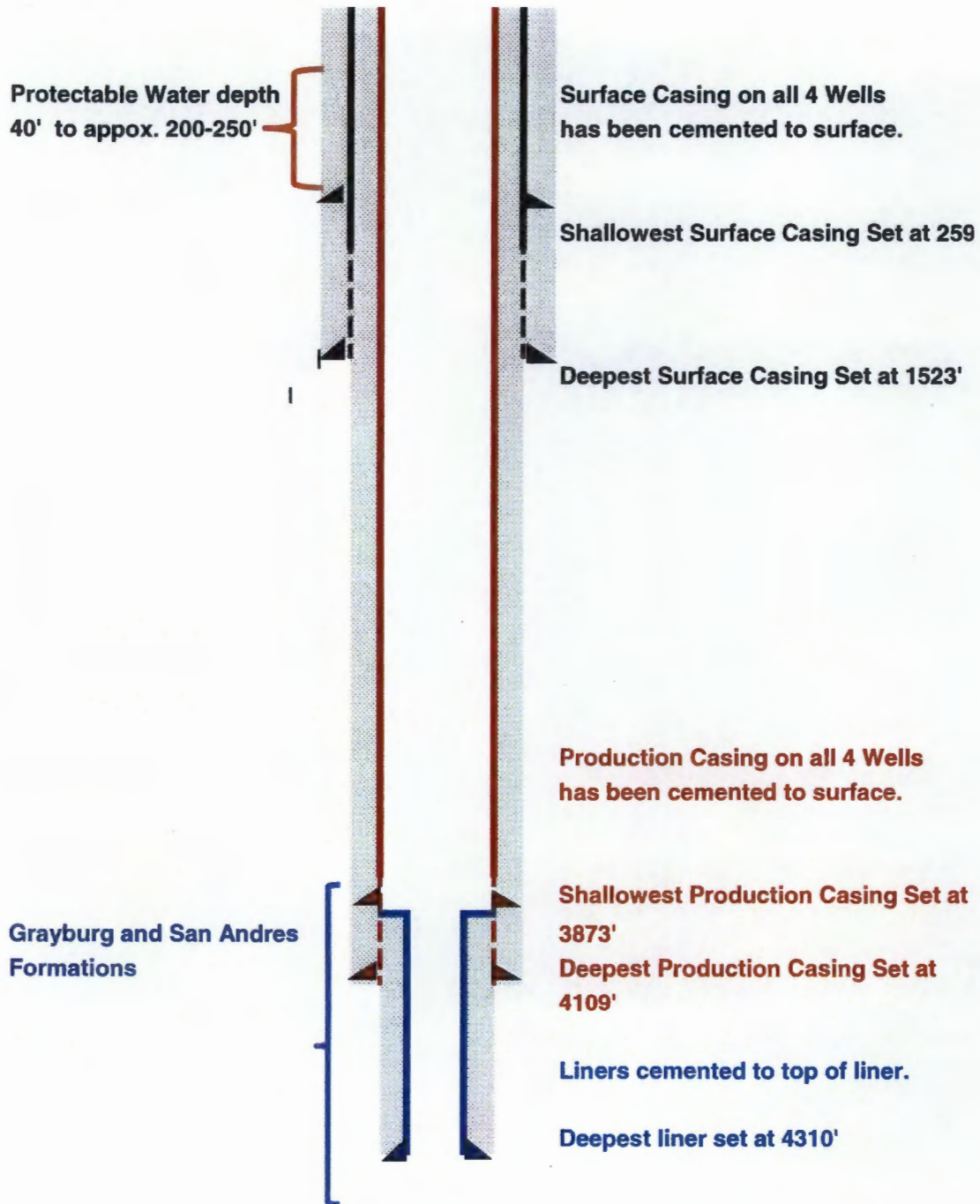


GROUP 5
Wells with Surface, Intermediate and Production Casing
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

30-025-07588	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	36	I	Active	1980	N	1980	W	F	3	19S	38E	May-35	4280'	17 1/2"	13 3/8"	214'	135	Surface	Circ.	12" 8 1/8"	9" 5 1/2"	1653' 4202'	350 150	Surface 3977'	Circ. TOL	4120-4280' Perf & OH	Perf & sqzd @ 3000', 3901', and 4012-4127'
30-025-27628	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	182	I	Active	1785'	N	1810'	W	F	5	19S	38E	Nov-81	4,300'	12 1/4"	9 5/8"	402'	250	Surface	Circ.	8 3/4" 6 3/4"	7" 4 1/2"	3,402' 4,300'	900 475	Surface 1,550' *	Circ. Calc.	4,053'-4,163' Perf.	Seven Rivers perms. 3,117'- 3,222' squeezed w/100 sx.
*4 1/2" casing stage cemented. 1st stage-175 sx. 2nd stage-300 sx. Well file does not indicate depth of DV tool. TOC calculated @ 1,550'.																													
30-025-07508	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	241	P	TA	900'	S	2310'	W	N	31	18S	38E	Feb-48	4,155'	12 1/4"	9 5/8"	470'	200	Surface	Calc.	8 3/4" 6 1/4"	7" 5"	3,225' 4,141'	800 90	1,560' 3,070' *	T.S. T.S.	4,018'-4,136' Perf. 4,141'-4,154' O.H.	TA'd w/CIBP @ 3,950' + 37' cem
*5" casing perforated @ 2,995' and cemented to surface w/350 sx.																													
30-025-07510	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	141	I	TA	990'	S	990'	W	M	31	18S	38E	Dec-49	4,317'	13 3/4"	10 3/4"	435'	350	Surface	Circ.	8 3/4" 6 1/4"	7" 5"	3,303' 4,317'	500 100	1,870' 3,440'	T.S. T.S.	4,097'-4,183' Perf.	TA'd w/CIBP @ 3,995'
30-025-07663	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	75	P	TA	1980'	N	660'	E	H	9	19S	38E	Jun-32	4,218'	19 3/4"	16"	210'	125	52'	Calc.	13 3/4" 9 7/8"	10 3/4" 8 5/8"	1,580' 4,050'	75 150	1,407' 2,951' *	Calc. Calc.	4,050'-4,218' O.H.	Estimated Hole Sizes TA'd w/CIBP @ 3,950'
*8 5/8" casing perforated @ 1,600' and squeeze cemented w/350 sx. 8 5/8" casing perforated @ 235' and cemented to surface w/131 sx.																													

GROUP 6

SA/Grayburg Wells with Surface, Production Casing and a Partial Liner 4 Wells



GROUP 6
Wells with Surface, Production Casing and Partial Liner
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-26115	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	120	I	Active	1272'	N	1420'	W	C	5	19S	38E	Dec-78	4,270'	15"	11 3/4"	1,510'	850	Surface	Circ.	11"	8 5/8"	3,873'	950	Surface	Circ.	4,078'-4,242' Perf.	
																						7 7/8"	5 1/2"	1,684'-4,268'	90	Liner Top	Circ.		
30-025-29754	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	216	I	Active	1166'	N	2411'	W	C	4	19S	38E	Oct-86	4,310'	24"	20"	40'	2.75 yd	Surface	Circ.	17 1/2"	13 3/8"	1,523'	1700	Surface	Circ.	4,060'-4,209' Perf.	
																12 1/4"	8 5/8"	4,053'	1450	Surface	Circ.	7 7/8"	5 1/2"	1,852'-4,310'	125	Liner Top	File		
30-025-07641	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	26	I	TA	1650'	N	480'	E	H	6	19S	38E	Mar-49	4,250'	15"	10 3/4"	375'	250	Surface	Calc.	8 3/4"	7"	4,074'	1300	Surface	Calc.	4,011'-4,050' Perf.	PBTD-4,100'. TA'd w/Packer
																						6 3/4"	4 1/2"	3,964'-4,195'	50	Liner Top	Calc.		
30-025-07618	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	52	P	TA	330'	S	330'	E	P	5	19S	38E	Apr-48	4,290'	15"	13 3/8"	259'	200	Surface	Calc.	7 7/8"	5 1/2"	4,109'	1334	Surface	Calc.	4,100'-4,230' Perf.	CIBP @ 3,780'
																						4 7/8"	2 7/8"	1,849'-4,290'	50	Liner Top	Calc.		

GROUP 7

SA/Grayburg Wells with Surface, Production Casing and Full Liner 8 Wells

Protectable Water depth
40' to appox. 200-250'

Surface Casing on all 8 Wells
has been cemented to surface.

Shallowest Surface Casing Set at 247'

Deepest Surface Casing Set at 1615'

Top of Cement behind Production Strings
range from the deepest at 1419' to Surface.

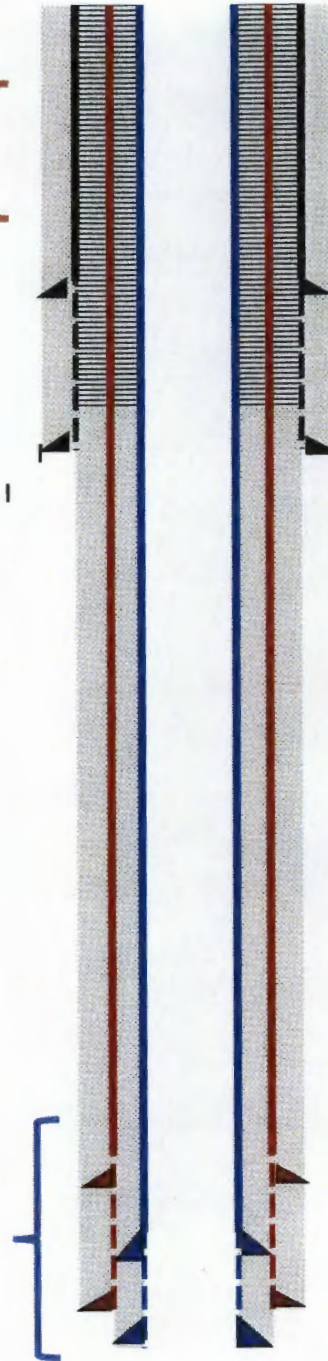
Top of Cement behind Liners range
from the deepest at 1582' to Surface.

Grayburg and San Andres
Formations

Shallowest Prod. Casing Set at 3853'
Shallowest Liner Set at 4194'

Deepest Prod. Casing Set at 4440'

Deepest Liner Set at 4720'

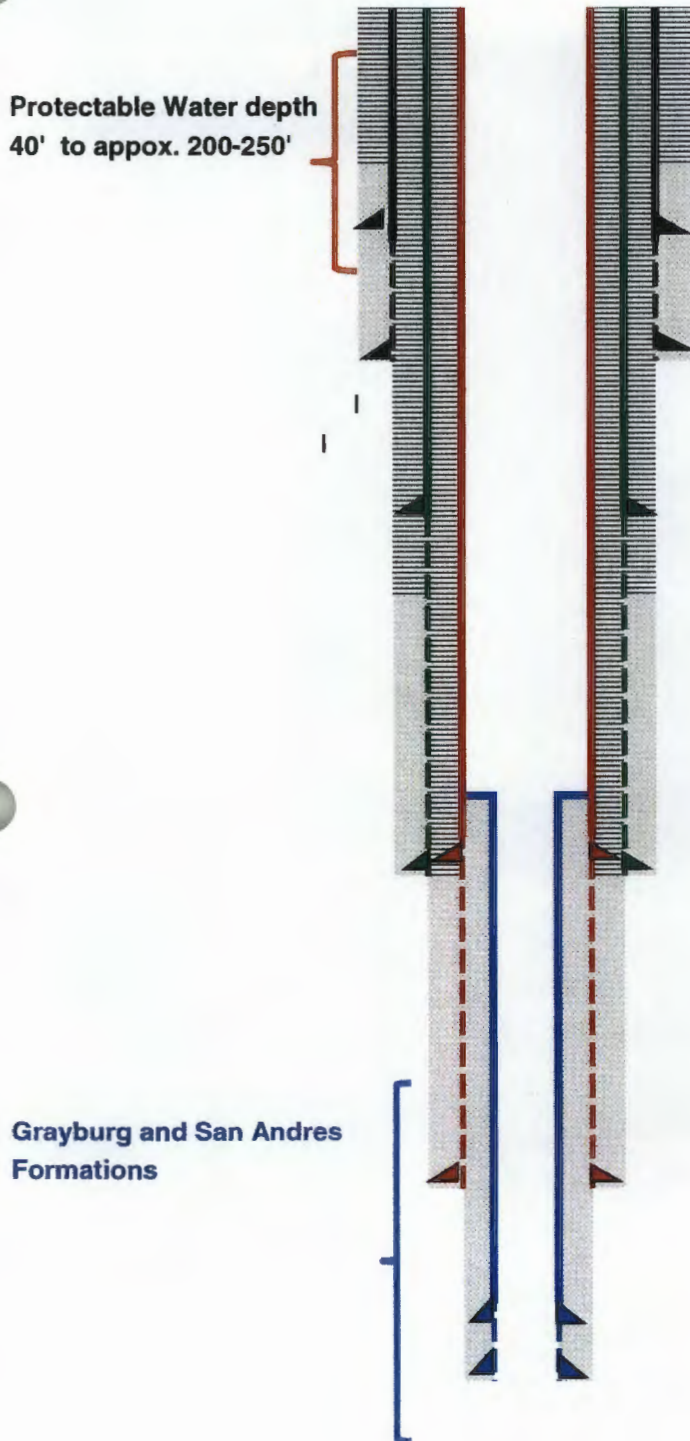


GROUP 7
Wells with Surface, Production Casing and Full Liner
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. IN/5	IN/5	FTG. IN/5	IN/5	UNIT	SEC.	TSHP.	IN/5	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SY. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SY. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-26116	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	121	I	Active	1450'	N	150'	W	E	4	19S	38E	Nov-78	4,265'	15"	11 3/4"	1,431'	850	Surface	Circ.	12 1/4" 7 7/8"	8 5/8" 5 1/2"	3,853' 4,268'	1300 700	Surface 1,582'	Circ. Calc.	3,925'-4,240' Perf.	
30-025-26119	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	124	P	Active	1925'	S	2380'	E	J	4	19S	38E	Nov-78	4,720'	14 3/4"	11 3/4"	1,495'	850	Surface	Circ.	10 5/8" 7 5/8"	8 5/8" 5 1/2"	3,905' 4,720'	900 685	Surface Surface	Circ. Circ.	4,097'-4,230' Perf.	PBTD-CIBP @ 4,230'
30-025-26118	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	123	P	TA	2390'	N	150'	E	H	6	19S	38E	Nov-78	4,286'	15"	11 3/4"	1433'	750	Surface	Circ.	11" 7 7/8"	8 5/8" 5 1/2"	3,907' 4,284'	1400 700	Surface Surface	Circ. Circ.	4,144'-4,198' Perf.	TA'd w/ CIBP @ 4,062' & 3,905'
30-025-26117	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	122	P	Active BHL	1726' 1380'	N N	167' 39'	E W	H E	4 3	19S 19S	38E 38E	Nov-78	4,318'	15"	11 3/4"	1,571'	850	Surface	Circ.	11" 5 1/2"	8 5/8" 5 1/2"	3,927' 4,320'	815 760	Surface Surface	Circ. Circ.	4,113'-4,280' Perf.	160 sx. 2nd stage-600 sx. DV Tool @ 2,700'
30-025-07567	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	341	P	Active	1320'	S	2310'	E	O	34	18S	38E	Apr-35	4,235'	13 3/4"	12 1/2"	254'	150	Surface	Calc.	9" 6 3/4"	7" 5"	4,066' 4,194'	500 370	1,419' 1,568'	Calc. Calc.	4,052'-4,192' Perf. 4,194'-4,230' O.H.	Estimated Hole Sizes
30-025-26120	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	125	P	Active BHL	2016' 2730'	N N	763' 1294'	W W	E L	3 3	19S 19S	38E 38E	Dec-78	4,455'	15"	11 3/4"	1,588'	950	Surface	Circ.	11" 7 7/8"	8 5/8" 5 1/2"	4,080' 4,420' *	1050 757	Surface Surface *	Circ. Circ.	4,278'-4,407' Perf.	
*5 1/2" csg. initially set 3,846-4,420 w/107 sx. Subsequently ran 5 1/2" tieback csg. 0-3,846 & cemented to surface w/650 sx.																													
30-025-28733	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	173	I	Active	1978' 1972'	N N	1223' 2,018'	W W	E F	10 10	19S 19S	38E 38E	Jun-84	4,440'	22" 9 7/8"	16" 7"	40' 4,440'	4 yd. 1400	Surface Surface*	Circ. Circ.	14 3/4" 4 1/2"	10 3/4" 4,400'	1,615' 4,400'	1350 400	Surface Surface	Circ. Circ.	4,290'-4,349' Perf.	
*7" casing perforated @ 1,450-1,513' & cemented w/200 sx. 7" casing perforated @ 750'-751' & cemented w/200 sx.																													
30-025-07579	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	211	P	Active	660'	N	1650'	W	C	34	18S	38E	May-34	4,276'	15"	12 1/2"	247'	175	Surface	Circ.	8 3/4" 6 3/4"	7" 5"	4,012' 4,213'	400 340	1,554' * Surface	Calc. Circ.	4,133'-4,204' Perf. 4,213'-4,276' O.H.	5" csg. stage cemented. 1st stage-100 sx. 2nd stage-240 sx.
* 7" casing perforated @ 3,100' and cemented to surface w/1583 sx.																													
Estimated Hole Sizes																													

GROUP 8

SA/Grayburg Wells with Surface, Intermediate, Production Casing and Partial Liner 35 Wells



Top of cement on the surface strings ranged from 132' to surface.

Shallowest Surface Casing Set at 143'

Deepest Surface Casing Set at 285'

Shallowest Intermediate Casing Set at 1526'

Top of cement on the intermediate strings ' range from 1854' to Surface.

Top of liners set between 2896' and 3947'

Shallowest Production Casing Set at 2906'

Deepest Intermediate Casing Set at 3275'

Top of cement on the production strings range from 3178' to Surface

TOC is >520' above Grayburg San Andres Formations

Deepest Production Casing Set at 4015'

Liners cemented to top of liner.

Shallowest liner set at 4163'

Deepest liner set at 4320'

GROUP 8
Wells with Surface, Intermediate Production Casing and Partial Liner
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

WELL NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. INCHES	N/S	FTG. FEET	ENV.	UNIT	SEC.	TSHR.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SL. CMT.	CMT. TOP	MTD.	HOLE SIZE	OSG. SIZE	SET AT	SL. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS
30-025-07665	Bradley McInroe d/b/a Big Al Oil & Gas	State Land Sec 9	1	P	Active	990'	S	2390'	W	N	9	19S	38E	Jun-29	4,314'	23" 9 7/8"	20" 8 1/4"	143' 2,906'	Unk. 165	Unk. 2,084'	N/A	12" 8"	10" 6 5/8"	1,605' 2,896'-4,002'	90 60	1,259' 3,497'	Calc. Calc.	3,185'-3,325' Perf. 4,002'-4,034' O.H.	Estimated Hole Sizes
6 5/8" casing was cut and pulled @ 2,896'. PBTD appears to be @ 4,034'. Well is producing from the Bowers-Seven Rivers Gas Pool.																													
30-025-12514	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	42	I	Active	1980'	S	330'	W	L	4	19S	38E	Sep-30	4,231'	13 3/4" 7 7/8"	12 1/4" 6 5/8"	164' 3,960'	175 200	Surface 2,091'	Calc. Calc.	9 5/8" 5 3/4"	8 1/4" 4 1/2"	2,750' 3,845'-4,224'	630 75	Surface 3,497'	Calc. Calc.	3,905'-4,214' Perf. 4,224'-4,231' O.H.	
30-025-07623	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	40	I	Active	1980'	S	1980'	W	K	5	19S	38E	Jan-31	4,242'	19 3/4" 8 5/8"	16" 6 5/8"	192' 3,980'	100 150	Surface 3,178'	Calc. CBL	13 3/8" 6"	10 3/4" 4 1/2"	2,784' 3,863'-4,200'	300 120	1,638' Liner Top	Calc. Calc.	4,120'-4,189' Perf. 4,200'-4,242' O.H.	Estimated Hole Sizes. Some data obtained from PMX-132
30-025-07608	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	54	I	Active	660'	S	1980'	W	N	4	19S	38E	Nov-30	4,221'	19 3/4" 9 7/8"	16" 8 5/8"	195' 3,977'	50 100	132' 3,245' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	3,275' 3,939'-4,190'	650 83	1,777' Liner Top	Calc. Calc.	4,084'-4,184' Perf. 4,190'-4,221' O.H.	Estimated Hole Sizes
*8 5/8" casing perforated @ 3,099-3,101 & cemented to surface w/425 sx.																													
30-025-07612	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	53	I	Active	660'	S	660'	W	M	4	19S	38E	Aug-30	4,231'	13 3/4" 7 7/8"	12 1/2" 7"	196' 3,965'	200 200	Surface 2,965' *	File File	9 5/8" 6 1/4"	9" 4 1/2"	2,778' 3,702'-4,220'	600 50	Surface 3,497'	File File	4,083'-4,217' Perf.	
*7" casing perforated @ 1,550 and cemented to surface w/400 sx.																													
30-025-07572	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	6	P	TA	660'	S	660'	W	M	34	18S	38E	Sep-30	4,241'	19 3/4" 9 7/8"	16" 8 5/8"	196' 3,985'	75 250	101' 2,154' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	2,541' 3,884'-4,207' 0-3,884'	500 100 650	1,389' Liner Top Surface	Calc. Calc. Circ.	4,100'-4,207' Perf. 4,207'-4,241' O.H.	Estimated Hole Sizes
*8 5/8" casing perforated & cemented at the following depths: 3,200 w/100 sx.; 2,700 w/100 sx.; 2,661 w/100 sx.; 2,575 w/150 sx.; 2,550 w/300 sx.; 1,500 cemented to surface w/260 sx.																													
30-025-12768	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	17	P	Active	660'	N	1980'	W	C	4	19S	38E	Dec-31	4,254'	19 3/4" 9 7/8"	16" 8 5/8"	201' 3,976'	125 150	43' 2,406' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	2,754' 3,900'-4,212'	400 75	1,832' Liner Top	Calc. Calc.	4,076'-4,204' Perf. 4,212'-4,254' O.H.	Estimated Hole Sizes
*8 5/8" casing perforated @ 3,100 and cemented to surface w/700 sx.																													
30-025-07603	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	20	P	Active	660'	N	660'	W	D	3	19S	38E	Jan-32	4,230'	18" 10"	16" 8 5/8"	203' 3,964'	125 150	Surface 2,972"	Calc. Calc.	12 3/4" 7 7/8"	10 3/4" 5 1/2"	2,792' 3,900'-4,204'	400 75	1,301' Liner Top	Calc. Calc.	4,070'-4,204' Perf. 4,204'-4,230' O.H.	
*8 5/8" casing perforated at 3,203 and cemented to surface w/931 sx.																													
30-025-07591	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	46	P	TA	1980'	S	660'	W	L	3	19S	38E	Jan-33	4,281'	19 3/4" 9 7/8"	16" 8 5/8"	203' 3,984'	85 150	96' 2,885"	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,751' 3,928'-4,212'	100 75	1,521' Liner Top	Calc. Calc.	3,973'-4,211' Perf. 4,212'-4,281' O.H.	Estimated Hole Sizes TA'd w/CIBP @ 3,935' & 1,735'
*8 5/8" casing perforated @ 3,150 & cement squeezed. Amount of cement unknown. TOC by CBL @ 1,659																													
30-025-07629	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	18	P	Active	660'	N	1980'	E	B	4	19S	38E	Oct-31	4,231'	19 3/4" 9 7/8"	16" 8 5/8"	207' 3,950'	125 135	49' 2,961' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	2,740' 3,882'-4,215'	400 82	1,818' Liner Top	Calc. Calc.	3,990'-4,212' Perf. 4,215'-4,231' O.H.	Estimated Hole Sizes
*8 5/8" casing perforated @ 3,100 and cemented to surface as per well file. Amount of cement unknown.																													
30-025-07543	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	141	P	Active	660'	S	660'	W	M	33	18S	38E	Jul-30	4,261'	13 3/4" 9"	12 1/2" 7"	209' 3,976'	165 275	Surface 2,201'	Calc. CBL	11 5/8" 6 1/2"	9 5/8" 5"	2,738' 3,828'-4,261'	500 45	745' Liner Top	Calc. Calc.	4,062'-4,249' Perf.	Estimated Hole Sizes
30-025-07607	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	45	I	Active	1980'	S	660'	E	I	4	19S	38E	Nov-32	4,231'	19 3/4" 9 7/8"	16" 8 5/8"	210' 3,960'	75 150	115' 2,862' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,552' 3,904'-4,204'	75 75	1,379' Liner Top	Calc. Calc.	4,078'-4,190' Perf. 4,204'-4,207' O.H.	Estimated Hole Sizes
*8 5/8" casing perforated @ 3,200 & cemented to surface as per well file. Amount of cement unknown.																													
30-025-07658	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	62	P	TA	660'	N	660'	W	D	9	19S	38E	Dec-30	4,230'	19 3/4" 9 7/8"	16" 8 5/8"	210' 3,998'	100 100	84' 3,266' *	Calc. Calc.	13 3/4" 7 3/4"	10 3/4" 5 1/2"	2,792' 3,951'-4,192'	300 100	2,101' Liner Top	Calc. Calc.	3,955'-4,088' Perf. 4,192'-4,230' O.H.	Estimated Hole Sizes
*8 5/8" casing perforated @ 1,550 and squeeze cemented w/1053 sx. 8 5/8" casing perforated @ 230 and cemented to surface w/200 sx.																													
30-025-07598	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	19	P	Active	660'	N	660'	E	A	4	19S	38E	May-38	4,233'	19 3/4" 9 7/8"	16" 8 5/8"	211' 3,952'	125 150	53' 2,854' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	2,752' 2,645'-4,200'	400 350	1,830' * 3,850'	Calc. CBL	4,064'-4,198' Perf. 4,200'-4,233' O.H.	
*10 3/4" casing perforated @ 510 & cemented to surface w/550 sx. **8 5/8" casing perforated @ 3,000 & cemented to surface w/650 sx.																													
30-025-07631	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	27	I	Active	1980'	N	660'	W	E	5	19S	38E	Sep-44	4,314'	17" 8 3/4"	13" 7"	213' 3,999'	200 300	Surface 2,156' *	Calc. Calc.	12" 6 3/4"	9 5/8" 4 1/2"	2,780' 3,966'-4,190'	500 35	1,131' Liner Top	Calc. Calc.	4,097'-4,180' Perf.	
*7" casing perforated @ 2,700 and squeeze cemented w/500 sx. 7" casing perforated @ 2,070 and cemented to surface w/365 sx.																													
30-025-07635	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	11	I	Active	330'	N	330'	E	A	6	19S	38E	Jun-30	4,235'	15" 8 5/8"	12 1/2" 6 5/8"	214' 3,968'	200 300	Surface 2,910'	Calc. CBL	11 5/8" 6"	9 5/8" 4 1/2"	2,795' 3,792'-4,231'	500 80	804' Liner Top	Calc. Calc.	4,127'-4,200' Perf.	Estimated Hole Sizes
30-025-12757	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	341	P	Active	660'	S	1980'	E	O	33	18S	38E	Oct-31	4,249'	17 1/2" 9"	15 1/2" 7"	215' 3,981'	250 325	Surface 2,261'	Circ. Calc.	11 5/8" 6 3/4"	9 5/8" 5"	2,755' 3,970'-4,235'	600 100	363' Liner Top	Calc. Calc.	4,058'-4,218' Perf. 4,235'-4,249' O.H.	Estimated Hole Sizes
30-025-07669	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	64	I	Active	660'	N	1980'	E	B	9	19S	38E	Apr-33	4,280'	19 3/4" 9 7/8"	16" 7"	217' 3,998'	100 100	91' 3,649' *	Calc. Calc.	13 3/4" 6 3/4"	10 3/4" 4 1/2"	2,810' 3,705'-4,280'	450 100	1,773' Liner Top	Calc. Circ.	4,130'-4,187' Perf.	Estimated Hole Sizes
*7" casing was cut & pulled @ 2,785. Ran new 7" casing and tied into existing casing string @ 2,785'. Cemented to within 15' of surface w/520 sx.																													
30-025-07547	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	241	P	Active	660'	S	1980'	W	N	33	18S	38E	Dec-31	4,252'	17 1/2" 9"	15 1/2" 7"	223' 3,971'	387 350	Surface 2,121'	Circ. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,754' 3,911'-4,236'	600 150	362' Liner Top	Calc. Calc.	4,052'-4,229' Perf. 4,236'-4,252' O.H.	Estimated Hole Sizes
30-025-07546	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	331	P	TA	1920'	S	1780'	E	J	33	18S	38E	Sep-31	4,234'	17 1/2" 9"	15 1/2" 7"	232' 3,930'	425 325	Surface 2,210'	Calc. Calc.	11 5/8" 6 1/2"	9 5/8" 5"	2,757' 3,871'-4,232' 0-3,871'	600 50 450	365' Liner Top Surface	Calc. Calc. Circ.	4,088'-4,209' Perf. TA'd w/ CIBP @ 3,793'	Estimated Hole Sizes

GROUP 8
Wells with Surface, Intermediate Production Casing and Partial Liner
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

WELL NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	N/S	FTH E/W	E/W	UNIT	SEC.	TENP.	RNG.	DATE DRILLED	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SL. CMT.	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SL. CMT.	UNIT TOP	MTD.	COMPLETION	REMARKS		
30-025-07553	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	431	P	Active	1920'	S	860'	E	I	33	18S	38E	Sep-31	4,227'	16" 8 3/4"	13 3/8" 7"	241' 3,940'	200 225	Surface 2,749' **	Circ. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,741' 3,908'-4,190'	600 40	355' * Liner Top	Calc. Calc.	4,038'-4,182' Perf. 4,190'-4,227' O.H.	Estimated Hole Sizes
*13 3/8" x 9 5/8" annulus bradenhead squeezed w/450 sx. **7" casing perforated @ 2,304' and cemented to surface w/300 sx.																													
30-025-07498	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	441	P	TA	330'	S	330'	E	P	31	18S	38E	Jul-30	4,220'	13 3/4" 8 1/4"	12 1/2" 6 5/8"	242' 3,975'	225 225	Surface 2,253'	Calc. Calc.	11 7/8" 6 1/4"	9" 5"	2,800' 3,930'-4,219'	600 100	1,107' Liner Top	Calc. Calc.	4,166'-4,195' Perf.	TA'd w/ CIBP @ 3,875' Estimated Hole Sizes
30-025-07601	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	43	I	Active	2310'	S	1650'	W	K	4	19S	38E	Jun-30	4,222'	15" 8 1/4"	13" 6 5/8"	250' 3,988'	150 200	Surface 2,394'	Calc. Calc.	10" 6 1/4"	9 5/8" 4 1/2"	2,779' 3,914'-4,214'	300 85	Surface Liner Top	Calc. Calc.	4,088'-4,208' Perf.	Estimated Hole Sizes
30-025-07605	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	16	P	Active	660'	N	660'	W	D	4	19S	38E	May-30	4,225'	19 3/4" 9"	16" 6 5/8"	251' 3,976'	135 200	81' 3,063' **	Calc. Calc.	13 3/4" 5 5/8"	9 5/8" 5"	2,798' 3,886'-4,200'	700 75	1,523' Liner Top	Calc. Calc.	4,102'-4,198' Perf. 4,200'-4,205' O.H.	
*6 5/8" casing perforated @ 3,100 & cemented to surface as per well file. Amount of cement unknown.																													
30-025-07500	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	341	I	Active	1315'	S	1325'	E	O	31	18S	38E	Jun-35	4,250'	13 3/4" 8 3/4"	12 1/2" 7"	251' 3,980'	150 250	Surface 2,444'	Calc. Calc.	11 7/8" 6 1/4"	9 5/8" 5 1/2"	1,526' 3,880'-4,225'	200 100	826' Liner Top	Calc. Calc.	4,185'-4,224' Perf. 4,225'-4,250' O.H.	Estimated Hole Sizes
30-025-07571	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	2	P	Active	1980'	N	660'	W	E	34	18S	38E	Jun-32	4,311'	19 3/4" 9 7/8"	16" 8 5/8"	252' 3,975'	100 150	126' 2,876' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	2,776' 3919'-4,220' 0-3,919'	400 188 100	1,854' Liner Top 3000' TS	Calc. Calc.	4,084'-4,218' Perf. 4,220'-4,276' O.H.	Estimated Hole Sizes PBTD-4,276'
*8 5/8" casing perforated @ 3,000 and cemented to surface. Well file does not indicate volume of cement used.																													
30-025-07610	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	32	I	Active	1980'	N	1980'	W	F	4	19S	38E	Jul-30	4,244'	15" 8"	13" 6 5/8"	253' 3,997'	80 135	Surface 2,860' **	Calc. Calc.	10" 5 5/8"	9 5/8" 5"	2,772' 3,936'-4,199'	300 70	Surface Liner Top	Calc. Calc.	4,078'-4,198' Perf. 4,199'-4,224' O.H.	70
*6 5/8" casing perforated @ 3,100 and cemented to surface as per well file. Amount of cement unkwn.																													
30-025-07597	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	31	I	TA	2310'	N	990'	W	E	4	19S	38E	Jun-30	4,275'	15" 8 1/4"	13" 6 5/8"	259' 3,997'	106 135	Surface 2860' *	File Calc.	10" 5 5/8"	9 5/8" 5"	2,755' 3,947'-4,215'	300 75	Surface Liner Top	File Calc.	4,095'-4,213' Perf. 4,215'-4,248' O.H.	TA'd w/CIBP @ 3,890' w/3 sx. cement
*6 5/8" casing perforated @ 3,100 & cemented to surface w/665 sx.																													
30-025-07523	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	141	I	Active	330'	S	330'	W	M	32	18S	38E	Jul-30	4,258'	16" 8 3/4"	13 3/8" 7"	257' 3908'	200 300	Surface 2,900'	Calc. CBL	11 5/8" 6 1/2"	9 5/8" 5 1/2"	2797' 3,840'-4,192'	600 60	416' Liner Top	Calc. Calc.	4,113'-4,175' Perf. 4,192'-4,258' O.H.	60
*7" casing perforated @ 1,900 and cemented to surface w/405 sx. Cemented 9 5/8" x 13 3/8" annulus w/95 sx.																													
30-025-07544	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	131	P	Active	2310'	S	330'	W	L	33	18S	38E	Sep-30	4,243'	18" 8 3/4"	15 1/2" 7"	208' 3,953'	375 300	Surface 2,341' *	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5"	2,740' 3,922'-4,243'	500 90	747' Liner Top	Calc. Calc.	4,050'-4,238' Perf.	Estimated Hole Sizes
*7" casing leaks @ 365' & 928' squeeze cemented w/200 sx.																													
30-025-07545	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	231	I	Active	2310'	S	1320'	W	K	33	18S	38E	Aug-30	4,259'	15" 8 3/4"	12 1/2" 7"	203' 3,940'	250 310	Surface 2,301'	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5"	2,754' 3,860'-4,235'	600 50	363' Liner Top	Calc. Calc.	4,042'-4,230' Perf. 4,235'-4,259' O.H.	Estimated Hole Sizes
30-025-07554	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	421	P	Active	1980'	N	660'	E	H	33	18S	38E	Sep-32	4,235'	15 3/8" 8 3/4"	13 3/8" 7"	218' 3,959'	175 250	Surface 2,547' *	Circ. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,761' 3,914'-4,163'	500 40	767' Liner Top	Calc. Calc.	4,063'-4,163' Perf. 4,163'-4,235' O.H.	Estimated Hole Sizes
*7" casing perforated @ 2,000' and squeeze cemented to surface w/325 sx.																													
30-025-07556	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	411	P	TA	660'	N	660'	E	A	33	18S	38E	Oct-34	4,256'	15 3/8" 8 3/4"	13 3/8" 7"	285' 3,970'	200 150	Surface 3,049' **	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,739' 3,919'-4,175'	350 40	1,344' * Liner Top	Calc. Calc.	4,095'-4,170' Perf. 4,175'-4,256' O.H.	TA'd w/CIBP @ 4,000' + 80' cement Estimated Hole Sizes
*13 3/8" x 9 5/8" casing annulus bradenhead squeezed w/300 sx. **7" casing perforated @ 2,720' and cemented to surface w/400 sx.																													
30-025-07411	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	441	I	Active	330'	S	660'	E	P	28	18S	38E	Dec-34	4,320'	13" 6 3/4"	10 3/4" 5 1/2"	243' 4,015'	150 300	Surface 2,415' *	Calc. Calc.	9" 5"	7 5/8" 4"	1,634' 3,803'-4,320'	300 100	Surface Liner Top	Calc. Well File	4,045'-4,272' Perf.	Estimated Hole Sizes
*5 1/2" casing perforated @ 2,545' & squeeze cemented w/400 sx. 5 1/2" casing perforated @ 2,170' & squeeze cemented w/300 sx. TOC @ 1,940'																													
30-025-07569	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	3	P	TA	1980'	S	560'	W	L	34	18S	38E	Feb-32	4,240'	19 3/4" 9 7/8"	16" 8 5/8"	216' 3,962'	125 150	58' 2,863' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	2,748' 3,927'-4,220'	400 75	1,826' Liner Top	Calc. Calc.	4,072'-4,191' Perf. PBTD-4,192'	TA'd w/CIBP + 40' cmt. @ 3,960' Estimated Hole Sizes

GROUP 9

SA/Grayburg Wells with Surface, Intermediate, Production Casing and a Full Liner 36 Wells

Protectable Water depth
40' to approx. 200-250'

Top of cement on the surface strings ranged
from 131' to surface.

Shallowest Surface Casing Set at 140'
Deepest Surface Casing Set at 292'

Shallowest Intermediate Casing Set at 1523'

Top of cement on the intermediate strings
range from 1947' to Surface.

Deepest Intermediate Casing Set at 2979'

Grayburg and San Andres
Formations

Top of cement behind production casing
range from 3707' to surface
Shallowest Production Casing Set at 3259'

Deepest Production Casing Set at 4075'

Shallowest liner set at 3952'
Deepest liner set at 4329'

Liner TOC ranges from Surface to 3718'.
Liner has been cemented to inside
production casing in all wells.

GROUP 9
Surface, Intermediate, Production Casing and
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSH.P.	RNG.	DATE DRILLED	TOTL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SK. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS	
30-025-07679	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	68	I	TA	660'	N	2310'	E	B	10	19S	38E	Mar-37	4,245'	17" 8 5/8"	13" 7"	220' 4,068'	200 350	Surface 1,733' **	Circ. Calc.	12 1/2" 6 3/4"	9 5/8" 4 1/2"	1,657' 4,245'	375 700	658' * 300'	Calc. Well File	4,204'-4,221' Perf.		
*9 5/8" & 7" casing strings perforated @ 340 & 226 & 9 5/8" casing cemented to surface w/1000 sx. **7" casing perforated & cemented at the following depths: 2,952 w/750 sx.; 2,050 w/ 750 sx.; 1,820 w/500 sx.; 1,660 w/750 sx.; 1,500 w/300 sx.; 1,500 w/150 sx. & cement circulated to surface.																														
30-025-07570	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	4	P	Active	2004'	S	1740'	W	K	34	18S	38E	Oct-32	4,287'	19 3/4" 9 7/8"	16" 8 5/8"	226' 3,990'	75 250	131' 2,159' *	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,637' 4,211'	75 800	1,464' 740'	Calc. File	4,120'-4,206' Perf. 4,211'-4,287' O.H.	Estimated Hole Sizes	
*8 5/8" casing perforated @ 2,200 and cemented w/1200 sx. 8 5/8" casing perforated @ 1,825 & cemented to surface w/600 sx.																														
30-025-07596	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	59	I	TA	660'	S	2310'	E	O	3	19S	38E	Jan-37	4,256'	17" 8 3/4"	13" 7"	210' 4,061'	175 300	Surface 2,217**	Circ. Calc.	12 1/4" 6 3/4"	9 5/8" 4 1/2"	1,670' 4,256'	575 500	Surface 1,482'	Calc. Calc.	4,173'-4,242' Perf.	500	
*7" casing perforated & cement squeezed @ 3,020 w/400 sx. TOC calculated @ 973.																														
30-025-07672	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	66	I	Active	660'	N	660'	W	D	10	19S	38E	Jun-30	4,280'	19 3/4" 9 7/8"	16" 8 5/8"	158' 4,016'	50 40	95' 3,723' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,543' 4,280'	75 650	1,370' * 1,712'	Calc. Calc.	4,130'-4,180' Perf.	Estimated Hole Sizes	
*RIH w/1" pipe down surface csg & cemented to surface from a depth of 60. **8 5/8" casing cut & pulled @ 227 and new casing run to 227. 8 5/8" casing perforated @ 3,830-31 & 3,940-41 & cemented w/40 sx. 8 5/8" casing perforated @ 3,730 & cemented w/250 sx. 8 5/8" casing perforated @ 500 & cemented w/800 sx.																														
30-025-07565	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	5	P	TA	660'	S	660'	E	P	33	18S	38E	Oct-31	4,242'	19 3/4" 9 7/8"	16" 8 5/8"	209' 3,946'	125 140	52' 2,921' *	Calc. Calc.	13 3/4" 7 3/8"	10 3/4" 5 1/2"	2,752' 4,220'	400 300	1,830' 1,950' **	Calc. CBL	3,183'-4,208' Perf. 4,220'-4,240' O.H.	Estimated Hole Sizes TA'd w/ CIBP @ 3,154' w/10' of cmt.	
*8 5/8" casing perforated @ 3,182-3,186 & cemented w/600 sx. **5 1/2" casing perforated @ 1,900-1,901 and cemented to surface w/320 sx.																														
30-025-07624	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	13	I	Active	330'	N	2310'	W	C	5	19S	38E	Sep-30	4,243'	19 3/4" 8 5/8"	16" 6 5/8"	163' 3,920'	55 150	94' 3,087' *	Calc. Calc.	13 3/8" 6 1/4"	10 3/4" 5"	2,749' 4,186'	300 650	1,947' 2,734'	Calc. CBL	4,044'-4,173' Perf. 4,186'-4,243' O.H.	Estimated Hole Sizes.	
*Bradenhead squeezed 6 5/8" x 10 3/4" annulus w/200 sx.																														
30-025-07602	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	44	P	Active	2310'	S	1650'	E	J	4	19S	38E	Jul-30	4,244'	19 3/4" 9 7/8"	16" 8 5/8"	140' 3,976'	75 135	45' 2,987' **	Calc. Calc.	13 3/4" 6 1/4"	10 3/4" 4 1/2"	2,745' 4,190'***	350 425	1,939' * 2,792'	Calc. Calc.	4,076'-4,190' Perf. 4,190'-4,200' O.H.	Estimated Hole Sizes PBTD-4,200'	
*10 3/4" casing perforated @ 500 and cemented to surface w/300 sx. **8 5/8" casing perforated @ 2,740 & cemented to surface w/600 sx. ***4 1/2" liner initially set 3,809-4,190 w/100 sx. Subsequently ran 4 1/2" tieback casing 0-3,809 w/325 sx.																														
30-025-07613	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	30	I	Active	1980'	N	660'	E	H	5	19S	38E	Aug-30	4,230'	13 3/4" 8 3/4"	12 1/2" 7"	192' 3,950'	150 250	Surface 2,045' **	Calc. Calc.	11 7/8" 6 3/4"	9 5/8" 5 1/2"	2,750' 4,168'	500 50	1,541' * 2,900'	Calc. T.S.	4,050'-4,168' Perf. 4,168'-4,230' O.H.	Estimated Hole Sizes. Some data obtained from PMX-132	
*9 5/8" casing perforated @ 165 and cemented to surface w/65 sx. **7" casing perforated @ 2,800 & cement squeezed w/160 sx. 7" casing cemented through hole @ 1,820 w/260 sx. 7" casing cemented to surface w/125 sx. through perforations and/or holes @ 620 & 450.																														
30-025-07614	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	14	P	Active	334'	N	2317'	E	B	5	19S	38E	Aug-30	4,250'	16" 8 7/8"	13" 7"	203' 3,930'	150 230	Surface 2,621' **	Calc. Calc.	12 1/4" 6 1/4"	9 5/8" 5 1/2"	2,761' 4,175'	500 50	1,285' * 2,900'	Calc. T.S.	4,062'-4,180' Perf. 4,175'-4,220' O.H.	Some data obtained from PMX-132	
*9 5/8" casing perforated @ 180 and cemented to surface w/74 sx. **7" casing perforated @ 2,961, 2,861, & 2,761 & cemented to 900 w/425 sx. 7" casing cemented to surface from 820 w/225 sx.																														
30-025-07576	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	7	P	TA	660'	S	1080'	W	N	34	18S	38E	Dec-32	4,273'	19 3/4" 9 7/8"	16" 8 5/8"	200' 3,990'	75 150	105' 2,891' *	Calc. Calc.	13 3/4" 7 3/8"	10 3/4" 5 1/2"	1,622' 4,198'	75 267	1,449' 3,118'	Calc. Calc.	4,056'-4,190' Perf. 4,198'-4,273' O.H.	Estimated Hole Sizes TA'd w/ CIBP @ 3,873' w/2 sx. cmt.	
*8 5/8" casing perforated & cemented at the following depths: 2,750-2,852 w/800 sx. TOC @ 2,400; 2,340-2,342 w/1000 sx. TOC @ 1,900; 1,840-1,848 cemented to surface w/750 sx.																														
30-025-07539	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	341	I	Active	330'	S	2310'	E	O	32	18S	38E	Aug-30	4,236'	19 3/4" 9"	16" 7"	221' 3,925'	250 225	Surface 2,734'	Calc. Calc.	11 5/8" 6 1/2"	9 5/8" 5"	2,750' 4,235'	556 120	534' 3,299'	Calc. Calc.	4,092'-4,202' Perf.	120	
30-025-07536	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	441	P	Active	660'	S	660'	E	P	32	18S	38E	Jun-30	4,244'	15" 9"	12 1/2" 7"	188' 3,971'	125 250	Surface 2,648' *	Calc. Calc.	11 5/8" 6 1/2"	9 5/8" 5"	2,750' 4,234'	400 60	1,156' 3,500'	Calc. T.S.	4,071'-4,224' Perf. 4,234'-4,244' O.H.	Estimated Hole Sizes	
*7" casing perforated @ 2,760 and cemented w/100 sx. 7" casing perforated @ 900 and cemented to surface w/765 sx.																														
30-025-07600	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	33	I	Active	2310'	N	1650'	E	G	4	19S	38E	Apr-30	4,255'	19 3/4" 9 7/8"	16" 8 5/8"	152' 3,259'	560 60	Surface 2,820'	Calc. Calc.	13 3/4" 8" 6 1/4"	10 3/4" 6 5/8" * 4 1/2"	1523' 3,952' 4,254' **	75 50 675	1,351' 3,531' Surface	Calc. Calc. Circ.	4,022'-4,248' Perf.		
*6 5/8" casing perforated @ 1,500 and cemented to surface w/500 sx. ** 4 1/2" liner initially set 3,868-4,254 and cemented w/75 sx. Subsequently ran 4 1/2 tieback casing from 0-3,868 & cemented w/600 sx.																														
30-025-07619	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	15	P	TA	660'	N	660'	E	A	5	19S	38E	May-30	4,225'	13 3/4" 8 3/4"	12 1/2" 7"	192' 3,984'	150 226	Surface 2,595' *	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,740' 4,175'	500 Unk.	747' 3,700'	Calc. T.S.	4,084'-4,175' Perf. 4,175'-4,225' O.H.	CIBP @ 4,060'. Estimated Hole Sizes	
*7" casing perforated @ 2,750, 2,725, 2,700, 2,500, 2,400, 2,200, 1,200 & 1,150 and could not circulate. Squeezed perforations @ 2,400 w/100 sx & 2,200 w/80 sx. Perforated 7" & 9 5/8" @ 190 and cemented both casing strings to surface w/450 sx.																														
30-025-07620	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	29	I	Active	1985'	N	1988'	E	G	5	19S	38E	Nov-30	4,220'	15" 8 3/4"	13" 7"	175' 3,955'	175 Unk.	Surface 2,600' **	Calc. Est.	12 1/2" 6 3/4"	9 5/8" 5 1/2"	2,744' 4,200'	500 56	1,414' * 4,050' ***	Calc. T.S.	4,053'-4,190' Perf. 4,200'-4,220' O.H.	Estimated Hole Sizes. Some data obtained from PMX-132	
*9 5/8" & 7" casing perforated @ 160 and cement circulated to suface w/75 sx. **7" casing perforated @ 2,511-2,720 and cemented to surface w/400 sx. *** 5 1/2" casing perforated @ 4,000 & squeeze cemented w/225 sx. TOC @ 3,718 by CBL.																														
30-025-07662	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	63	I	Active	660'	N	1980'	W	C	9	19S	38E	Oct-30	4,257'	19 3/4" 9 7/8"	16" 8 5/8"	144' 4,038'	125 100	Surface 3,306' *	Calc. Calc.	13 3/4" 7 3/4"	10 3/4" 5 1/2"	2,768' 4,159'	350 900	1,616' Surface	Calc. Circ.	4,133'-4,158' Perf. 4,159'-4,215' O.H.	Estimated Hole Sizes	
*8 5/8" casing perforated @ 2,730 and well file indicates that cement was circulated to surface. Well file does not indicate amount of cement used. 8 5/8" casing was subsequently perforated @ 500 and cemented to surface w/500 sx.																														
30-025-07675	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	85	I	Active	1980'	S	660'	W	L	10	19S	38E	Mar-32	4,210'	19 3/4" 9 7/8"	16" 8 5/8"	204' 4,054'	125 150	46' 2,955' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,597' 4,175'	75 550	1,424' * Surface	Calc. Circ.	4,134'-4,168' Perf. 4,175'-4,210' O.H.	5 1/2" csg. stage cmt. 1st stage-100 sx. 2nd stage-450 sx. DV Tool @ 3,839'	
*Bradenhead squeezed 16" X 10 3/4" annulus w/170 sx. ** Perforated 5 1/2" & 8 5/8" casing strings @ 2,100 and squeeze cement																														
30-025-07671	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	73	I	Active	1980'	N	1980'	E	G	9	19S	38E	Apr-37	4,269'	17" 8 3/4"	13" 7"	212' 4,047'	200 300	Surface 2,203' *	Circ. Calc.	12" 6 3/4"	9 5/8" 4 1/2"	1,606' 4,178'	375 562	369' Surface**	Calc. Circ.	4,146'-4,172' Perf. 4,178'-4,215' O.H.		
*7" casing perforated @ 2,000 and cemented w/1200 sx. 7" casing perforated and cemented at the following intervals: 500 w/750 sx.; 350 w/500 sx. 200 w/500 sx. 0-200 w/500 sx. ** 4 1/2" csg. initially set @ 3,864-4,178 w/130 sx. Subsequently, 4 1/2" tieback casing set from 0-3,864 and circulated to surface w/432 sx.																														

GROUP 9
Wells with Surface, Intermediate, Production Casing and Full Liner
OCCIDENTAL PERMIAN LTD.
AREA OF REVIEW WELL DATA
SOUTH HOBBS GRAYBURG-SAN ANDRES UNIT

API NUMBER	OPERATOR	LEASE NAME	WELL NO.	WELL TYPE	STATUS	FTG. N/S	N/S	FTG. E/W	E/W	UNIT	SEC.	TSHP.	RNG.	DATE DRILLED	TOT. DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	COMPLETION	REMARKS	
30-025-07587	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	22	I	Active	660'	N	1980'	W	C	3	19S	38E	Sep-32	4,315'	19 3/4" 9 7/8"	16" 8 5/8"	207' 4,003'	75 150	112' 2,904"	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,630' 4,195' **	75 75	1,457' Surface**	Calc. Calc.	4,171'-4,200' Perf. 4,195'-4,315' O.H.	Estimated Hole Sizes	
*8 5/8" casing perforated @ 3,260 and cemented w/2,575 sx. TOC calculated @ surface. **5 1/2" csg. initially set 3,878-4,195 w/75 sx. Subsequently ran 5 1/2" tieback csg. from 0-3,878. 5 1/2" casing perforated @ 3,865 and cemented to surface w/700 sx.																														
30-025-07621	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	187	I	Active	1980'	S	1980'	E	J	5	19S	38E	Oct-30	4,220'	17 1/2" 8 3/4"	15 1/2" 7"	180' 3,970'	250 300	Surface 2,800' *	Calc. CBL	11 5/8" 6 3/4"	9 5/8" 4 1/2"	2,979' 4,203'	600 400	588' Surface	Calc. Circ.	4,094'-4,203' Perf. 4,203'-4,220' O.H.	Estimated Hole Sizes	
*7" casing perforated @ 3,025 and squeeze cemented w/550 sx. 7" casing perforated @ 2,290 and squeeze cemented w/250 sx. 7" casing perforated @ 515 and cemented to surface w/100 sx.																														
30-025-07599	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	34	I	Active	1980'	N	660'	E	H	4	19S	38E	Jan-33	4,332'	19 3/4" 9 7/8"	16" 8 5/8"	199' 3,961'	85 150	92' 2,862' **	Calc. Calc.	13 3/4" 7 3/8"	10 3/4" 5 1/2"	1570' 4,206'	75 675	1,397' * Surface	Calc. Circ.	4,073'-4,202' Perf.		
*10 3/4" casing perforated @ 1,580-81 and cemented to surface w/400 sx. ** 8 5/8" casing perforated @ 3,160-62 & cemented w/700 sx. Well file indicates TOC @ 400.																														
30-025-07593	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	47	I	TA	1980'	S	1980'	W	K	3	19S	38E	Jul-35	4,280'	15 3/8" 9"	13 3/8" 7"	216' 4,060'	133 250	Surface 2,737"	Calc. Calc.	12 3/4" 6 3/4"	10 3/4" 4 1/2"	1,675' 4,210'	350 510	414' Surface **	Calc. Circ.	4,140'-4,200' Perf. 4,210'-4,232' O.H.	Estimated Hole Sizes TA'd w/Packer @ 3,838'	
*7" casing perforated & cement squeezed at the following intervals: 3,149 w/500 sx. TOC-1,840; 2,450 w/600 sx. TOC @ 1,890; 1,800 w/500 sx.; 1,682 w/500 sx. TOC @ 1,490; 1,416 w/400 sx. TOC @ 505; 468 w/300 sx. TOC @ 388																														
*4 1/2" csg. initially set 3,918-4,210 w/80 sx. Subsequently ran 4 1/2" tieback csg. 0-3,918 & cemented to surface w/430 sx.																														
30-025-07594	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	58	I	TA	660'	S	1980'	W	N	3	19S	38E	Apr-31	4,220'	18" 10"	16" 8 5/8"	158' 4,022'	100 100	Surface 3,361"	Calc. Calc.	12 3/4" 7 7/8"	10 3/4" 5 1/2"	1,624' 4,218'	75 570	1,354' Surface	Calc. Circ.	4,136'-4,216' Perf.	Estimated Hole Sizes TA'd w/Packer @ 4,094'	
*8 5/8" casing perforated & cement squeezed at the following intervals: 3,725 w/500 sx. TOC-3,150; 3,090 w/1000 sx. TOC @ 2,896; 2,660 w/1000 sx. TOC @ 2,020; 1,900 w/500 sx.; 1,650 w/230 sx. TOC @ Surface.																														
30-025-07676	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	67	I	Active	660'	N	1980'	W	C	10	19S	38E	Nov-30	4,250'	19 3/4" 9 7/8"	16" 8 5/8"	185' 4,020'	100 75	59' 3,471' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,599' 4,250'	75 575	1,426' * Surface	Calc. Circ.	4,126'-4,214' Perf.	5 1/2" csg. stage cmt. 1st stage-150 sx. 2nd stage-425 sx. DV Tool @ 3,248'	
*10 3/4" & 8 5/8" casing strings perforated @ 500-501 and cemented both annulus to surface w/450 sx. **8 5/8" casing leak from 3,920-3,950 squeezed w/ 100 sx. 8 5/8" casing perforated @ 3,630 & 3,750 and cemented w/700 sx.																														
30-025-07678	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	76	I	Active	1980'	N	660'	W	E	10	19S	38E	Oct-32	4,260'	19 3/4" 9 7/8"	16" 8 5/8"	200' 4,007'	75 150	105' 2,908' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,568' 4,259'	75 630	1,395' * Surface	Calc. Circ.	4,126'-4,226' Perf.	5 1/2" csg. stage cmt. 1st stage-80 sx. 2nd stage-550 sx. DV Tool @ 3,804'	
*10 3/4" & 8 5/8" casing strings perforated @ 500 and both annulus cemented w/350 sx. **8 5/8" casing perforated & cemented at the following depths: 3,030 w/300 sx. TOC @ 2,560; 2,525 w/1250 sx. TOC @ 2,020; 1,970 w/600 sx. TOC @ 1,630; 1,600 w/600 sx. TOC @ surface.																														
30-025-07609	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	56	I	Active	660'	S	660'	E	P	4	19S	38E	Jun-30	4,260'	19 3/4" 9 7/8"	16" 8 5/8"	148' 4,000'	50 40	85' 3,707'	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,583' 4,259'	76 710	1,408' Surface	Calc. Circ.	4,092'-4,226' Perf. DV Tool @ 3,385'	1st Stage-160 sx. 2nd Stage-550 sx. Estimated Hole Sizes	
30-025-07611	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	55	I	Active	660'	S	1980'	E	O	4	19S	38E	Jan-33	4,261'	19 3/4" 9 7/8"	16" 8 5/8"	196' 3,978'	85 150	89' 2,408' **	Calc. Calc.	13 3/4" 7 7/8"	10 3/4" 5 1/2"	1,585' 4,261'	75 630	1,413' * Surface	Calc. Circ.	4,143'-4,191' Perf.	5 1/2 csg stage cmt. 80 sx & 550 sx DV @ 3850'	
*10 3/4" casing perforated @ 500 and cemented to surface w/300 sx. **8 5/8" casing leak @ 1,689-1,721 squeeze cemented to surface w/750 sx.																														
30-025-07537	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	431	I	Active	2310'	S	330'	E	I	32	18S	38E	Jun-30	4,245'	15" 8 3/4"	12 1/2" 7"	205' 3,968'	225 350	Surface 2,162' *	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5"	2,750' 4,244'	475 65	857' 2,850'	Calc. PMX File	4,050'-4218' Perf.	Estimated Hole Sizes	
* 7" casing perforated @ 2,699'-2,700' & squeeze cemented w/100 sx.																														
30-025-07548	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	321	P	Active	1980'	N	1980'	E	G	33	18S	38E	Nov-32	4,244'	18" 8 3/4"	15 1/2" 7"	237' 3,970'	250 350	Surface 2,164' *	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,756' 4,243'	600 300	365' 1152'	Calc. Well File	4,093'-4,234' Perf.	Estimated Hole Sizes	
* 7" x 9 5/8" annulus bradenhead squeezed w/80 sx.																														
30-025-07555	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	311	P	Active	330'	N	2310'	E	B	33	18S	38E	Jul-34	4,221'	15 3/8" 8 3/4"	13 3/8" 7"	292' 3,930'	200 250	Surface 2,512'	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	2,746' 4,086'	350 75	1,351' 3,383'	Calc. Calc.	4,086'-4,221' O.H..		
Set cmt. retainer @ 3,562' & pumped 750 sx. Circulated 70 sx. out 9 5/8" casing. Circulated 50 sx. out 7" casing. Bradenhead squeezed 13 3/8" casing w/500 sx. cement. Repaired 5 1/2" casing leak @ 633', squeezed w/70 sx. & circulated 20 sx out 5 1/2" x 7" casing annulus.																														
30-025-07578	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	221	P	TA	1980'	N	1700'	W	F	34	18S	38E	Jul-32	4,222'	15" 8 3/4"	12 1/2" 7"	222' 3,974'	200 300	Surface 3,413' **	Calc. Calc.	11 5/8" 6 3/4"	9" 5"	2,780' 4,221'	400 ***	1,529' * Surface	Calc. Circ.	4,102'-4,217' Perf.	TA'd w/CIBP @ 4,084' Estimated Hole Sizes	
* Bradenhead squeezed 12 1/2" x 9" casing annulus w/600 sx. ** Perforated 7" casing @ 3,200' & squeezed w/75 sx. *** Well file indicates that cement behind 5" casing was circulated to surface, but does not indicate amount of cement used.																														
30-025-07408	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	141	P	Active	330'	S	287'	W	M	27	18S	38E	Aug-34	4,258'	15" 9"	12 1/2" 7"	275' 4,060'	150 250	Surface 2,739'	Calc. Calc.	11 5/8" 6 3/4"	9 5/8" 5 1/2"	1,650' 4,225'	363 100	226' 3,322' *	Calc. Calc.	4,032'-4,218' Perf. 4,225'-4,258' O.H.	Estimated Hole Sizes	
* 5 1/2" casing perforated @ 2,550'-54 & 5 1/2" x 7" casing annulus cemented to surface w/1375 sx.																														
30-025-07409	Occidental Permian Ltd.	N. Hobbs G/SA Ut.	241	I	TA	330'	S	1325'	W	N	27	18S	38E	Dec-34	4,364'	15" 8 5/8"	12 1/2" 7"	233' 4,060'	700 250	Surface 3,145' *	Circ. CBL	12 1/4" 6 3/4"	9 5/8" 5 1/2"	1,648' 4,329'	350 175	558' Surface	Calc. Circ.	4,235'-4,350' Perf.	TA'd w/ CIBP @ 4,202'	
* Perforated 7" casing @ 2,450' & squeeze cemented w/150 sx. Perforated 7" casing @ 1,700' & squeeze cemented w/600 sx.																														
30-025-07659	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	84	I	TA	1995	S	660	E	I	9	19S	38E	Jul-32	4215'	18" 12 1/4"	16" 8 5/8"	196' 4032'	100 150	Surface 3700'	Circ. Calc.	13 3/8" 7 7/8"	10 3/4" 5 1/2"	1583' 4174'	75 550	1383' 1556'	Calc. Calc.	4169-4176	PB @ 4181' Estimated Hole Sizes	
Squeezed Perfs 4006-68', 4110-44', 4158-68'																														
30-025-07668	Occidental Permian Ltd.	S. Hobbs G/SA Ut.	83	I	TA	1980	S	1980	E	J	9	19S	38E	Jun-37	4215'	15" 12"	13" 9 5/8"	198' 1630'	275 375	Surface Surface	Circ. Circ.	8 3/4" 5 1/2"	7" 4 1/2"	4058' 4280'	3000 440	2222' Surface	Calc. Circ	3,945'-4,297' Perf.		
5/58 - cmt retainer @ 3979, sqzd with 500 sks. 5/61 - sqzd perfs w/ 300 sks, DO to 4082'. 9/81 - Perf'd 1660-61', sqzd w/ 340 sks. 12/83 - PB to 4165', ran a liner. 10/87 tie back liner to surface. 11/84 - Set cmt retainer @ 4097, sqzd w/ 250 sks. Perf'd 4186-4211'.																														
30-025-07410	Occidental Permian Ltd.	N.Hobbs G/SA Ut	131	P	Active	1650	S	412	W	L	27	18S	38E	Jun-1935	4300	15 8 5/8	12 1/2 7	257 4057	155 250	Surface 2688	Circ Calc	12 1/2 7	9 5/8 5 1/2	1645 4300	200 350	800 Surface	Calc Circ	4034 - 4073 Perf	Estimated Hole Sizes	

OXY, USA - South Hobbs Unit
Area of Review - P & A Well Construction Data

API NUMBER	WELL NAME	WELL NO.	WELL TYPE	STATUS	FTG. NS	NS	FTG. EW	EW	UNIT	SEC.	TSHP.	RNG.	SPUD DATE	TOTAL DEPTH	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	HOLE SIZE	CSG. SIZE	SET AT	SX. CMT.	CMT. TOP	MTD.	REMARKS					
3002507582	South Hobbs GSA Unit	23	Oil	P&A	660	N	2370	E	B	3	19-S	38-E	5/2/1935	4232	*	12.5	208	150	Circ.	Circ.	*	7	4055	500	Circ.	Circ.	*	5	4200	800	4316	DV												
3002507583	South Hobbs GSA Unit	57	Oil	P&A	205	S	205	W	M	3	19-S	38-E	3/9/1929	4220	*	20	185	600	Circ.	Circ.	*	15.5	696	600	Circ.	Circ.	*	13	1549	125	1369	Calc.	*	10.75	2799	80	2590	Calc.	*	8 5/8	4025	80	1217	Calc.
3002507584	South Hobbs GSA Unit	37	Oil	P&A	1980	N	2310	E	G	3	19-S	38-E	8/3/1935	4290	17	12.5	211	175	Circ.	Circ.	9.625	7	4174	500	Circ.	Circ.	*	5	4180	345	4316	DV												
3002507585	South Hobbs GSA Unit	24	Oil	P&A	620	N	1293	E	A	3	19-S	38-E	7/13/1941	4234	12	9.625	194	60	Circ.	Circ.	8.75	5.5	4114	518	Surf	N/R	*	4.5	4176	96	Circ.	Circ.												
3002507586	South Hobbs GSA Unit	38	Oil	P&A	2205	N	1293	E	H	3	19-S	38-E	8/25/1941	4233	12	9.625	186	175	Circ.	Circ.	8.75	5.5	4132	500	3148	CBL																		
3002507590	South Hobbs GSA Unit	48	Oil	P&A	1980	S	2310	E	J	3	19-S	38-E	10/5/1935	4250	17.5	13	221	175	7	Calc.	12.5	9.625	1690	560	50	Calc.	8.75	7	4071	290	3202	CBL	6.125	4.5	4250	90	3773	TOL					4.5" Liner	
3002507592	South Hobbs GSA Unit	49	Oil	P&A	1980	S	1293	E	I	3	19-S	38-E	6/20/1945	4310	13.75	10.75	355	300	Circ.	Circ.	8.75	7	4141	800	Surf	N/R	6.125	4.5	4291	70	3678	TOL									4.5" Liner			
3002507595	South Hobbs GSA Unit	60	Oil	P&A	780	S	990	E	P	3	19-S	38-E	5/6/1955	4280	11	8.625	308	240	Circ.	Circ.	7.875	5.5	4280	670	1850	Calc.																		
3002507604	State A2 RA/A	11-Y	Oil	P&A	810	N	2030	W	C	4	19-S	38-E	12/22/1951	8160	17.5	13.375	1544	150	Circ.	Circ.	12	9.625	4434	815	1500	Calc.	6.75	5.5	7365	200	4300	Calc.												
3002507606	State A Tract 1	7	Oil	P&A	330	N	660	W	D	4	19-S	38-E	12/21/1948	3205	12.25	9.625	432	250	Circ.	Circ.	7.375	5.5	3092	700	Surf	N/R																		
3002524079	Byers B	34	Oil	P&A	713	N	1840	E	B	4	19-S	38-E	3/31/1972	7318	15	11.75	391	275	Circ.	Circ.	11	8.625	3882	500	1977	Calc.	7.875	5.5	7318	575	4663	Calc.												
3002528986	South Hobbs GSA Unit	196	Oil	P&A	245	S	96	W	M	4	19-S	38-E	11/6/1984	4300	*	14	40	5	Fill	Fill	12.25	8.625	1503	725	Circ.	Circ.	7.875	5.5	4300	825	Circ.	Circ.									5 yds Redi-mix			
3002535554	South Hobbs GSA Unit	245	Oil	P&A	1303	S	708	E	P	4	19-S	38-E	5/24/2001	4305	18	14	40	50	Circ.	Circ.	12.25	8.625	1555	850	Circ.	Circ.	7.875	5.5	4302	850	Circ.	Circ.												
3002507612	South Hobbs GSA Unit	53	Oil	P&A	660	S	660	W	M	4	19-S	38-E	4/4/1934	4231	17	12.75	196	200	Surf.	Circ.	13.5	9	2778	600	Surf.	Circ.	12.25	7	3965	200	3632	Calc.	6.75	4.5	4220	50	TOL							
3002507615	H.D. McKinley	5	Gas	P&A	610	N	1980	E	B	5	19-S	38-E	7/20/1948	3830	12.25	9.625	292	50	Surf	N/R	8.75	7	3112	625	Surf	N/R	6.25	5.5	3830	50	2971	TOL									5.5" Liner			
3002507616	H.D. McKinley	6	Oil	P&A	585	N	585	E	A	5	19-S	38-E	8/9/1948	3210	12.25	9.625	288	150	Surf	N/R	8.75	5.5	3112	675	Surf	N/R																		
3002507617	H.D. McKinley	2	Oil	P&A	1980	S	660	E	I	5	19-S	38-E	8/28/1930	4175	*	12.5	210	175	Circ.	Circ.	*	9	2795	600	Surf	N/R	*	7	3956	200	2736	Calc.												
3002507622	State A-5	2	Oil	P&A	990	S	1650	E	O	5	19-S	38-E	8/29/1948	4283	13.75	10.75	350	300	Surf	N/R	8.75	5	4282	650	Surf	N/R																		
3002507625	South Hobbs GSA Unit	12	Oil	P&A	330	N	330	W	D	5	19-S	38-E	8/16/1930	4201	*	16	185	75	Circ.	Circ.	*	10.75	2782	350	1909	Calc.	*	6.625	3977	150	1394	Calc.	*	4	4229									
3002507626	H.D. McKinley	8	Oil	P&A	660	N	660	W	D	5	19-S	38-E	5/22/1948	3257	12.125	9.625	350	200	Circ.	Circ.	8.75	6.825	3179	800	650	Rpt																		
3002507627	H.D. McKinley	12	Oil	P&A	660	N	2310	W	C	5	19-S	38-E	7/9/1948	3216	12.5	9.625	450	300	Circ.	Circ.	*	5.5	3140	1000	950	Temp																		
3002507628	H.D. McKinley	19	Oil	P&A	1650	N	660	W	E	5	19-S	38-E	6/22/1948	3244	12.25	9.625	453	275	Circ.	Circ.	8.75	5.5	3151	1200	425	Temp																		
3002507630	South Hobbs GSA Unit	28	Oil	P&A	1980	N	1980	W	F	5	19-S	38-E	10/22/1930	4226	*	13	212	150	7	Calc.	*	9.625	2711	300	50	Calc.	*	6.625	3950	150	3078	Calc.	*	4.5	4183	150	3854	TOL					4.5" Liner	
3002520933	South Hobbs GSA Unit	41	Inj.	P&A	2310	S	460	E	I	5	19-S	38-E	7/10/1964	4232	13.375	10.45	419	150	Surf.	Circ.							6.75	4.5	4088	200	2906	CBL												
3002507636	O.O. Bradley	2	Oil	P&A	330	N	480	E	A	6	19-S	38-E	2/17/1948	3273	12.25	8.625	490	250	Circ.	Circ.	7.875	5.5	3200	800	Surf	N/R																		
3002507637	O.O. Bradley	3	Oil	P&A	330	N	1650	E	B	6	19-S	38-E	3/8/1948	3277	12.25	8.625	313	250	Circ.	Circ.	7.875	5.5	3238	800	Surf	N/R																		
3002507638	O.O. Bradley	4	Oil	P&A	1650	N	330	E	H	6	19-S	38-E	3/24/1948	3270	12.25	8.625	302	250	Circ.	Circ.	7.875	5.5	3237	800	Surf	N/R																		
3002507639	South Hobbs GSA Unit	113	Oil	P&A	1650	N	1650	E	G	6	19-S	38-E	4/9/1948	4175	12.25	8.625	321	250	Circ.	Circ.	7.875	5.5	3279	800	Surf	N/R	7.875	4	4112	155	3042	TOL									4" Liner			
3002507640	South Hobbs GSA Unit	10	Oil	P&A	480	N	1650	E	B	6	19-S	38-E	6/10/1948	4237	17.5	13.375	362	250	Circ.	Circ.	7.875	5.5	4095	1250	Surf	N/R																		
3002507642	South Hobbs GSA Unit	115	Oil	P&A	2310	S	330	E	I	6	19-S	38-E	6/13/1952	4250	11	8.825	360	300	Circ.	Circ.	7.875	5.5	4242	700	Surf	N/R																		
3002507643	South Hobbs GSA Unit	117	Oil	P&A	990	S	330	E	P	6	19-S	38-E	4/30/1953	4154	12	9.825	280	300	Surf.	N/R	9.25	7	4050	450	1980	Calc.																		
3002507644	South Hobbs GSA Unit	114	Oil	P&A	2310	S	1650	E	J	6	19-S	38-E	10/17/1952	4150	11	8.625	260	300	Circ.	Circ.	7.625	5.5	4149	300	833	Calc.																		
3002507645	South Hobbs GSA Unit	116	Oil	P&A	990	S	1650	E	O	6	19-S	38-E	3/15/1957	4236	11	8.625	315	300	Circ.	Circ.	7.75	5.5	4100	200	2972	Calc.																		
3002507646	Fowler B	1	Oil	P&A	2310	S	2317	W	K	6	19-S	38-E	2/4/1959	4250	12.25	8.625	1652	736	Circ.	Circ.	7.875	5.5	4250	150	2592	Calc.																		
3002507647	South Hobbs GSA Unit	9	Oil	P&A	330	N	2310	W	C	6	19-S	38-E	11/9/1930	4221	*	15.5	200	175	Surf.	N/R	*	10.75	2777	400	1779	Calc.	*	7	3926	250	3202	CBL	*	5	4221	250	3802	TOL					5" Liner	
3002507648	South Hobbs GSA Unit	25	Oil	P&A	1657	N	2272	W	F	6	19-S	38-E	1/16/1957	4332	11	8.625	300	200	Circ.	Circ.	7.875	5.5	4332	780	950	Calc.																		
3002507649	South Hobbs GSA Unit	8	Inj.	P&A	330	N	933	W	D	6	19-S	38-E	12/3/1958	4272	12.25	8.625	322	250	Circ.	Circ.	7.875	5.5	4272	600	888	Calc.																		
3002527622	State H	4	Oil	P&A	660	N	1980	W	G	6	19-S	38-E	11/20/1981	3400	12.25	8.625	401	250	Circ.	Circ.	7.875	5.5	3400	800	Surf	N/R																		
3002528197	Fowler B	1	Oil	P&A	2310	S	2317	W	K	6	19-S	38-E	5/7/1983	4303	11	8.625	363	200	Circ.	Circ.	7.875	5.5	4303	800	Surf	N/R																		
3002529410	South Hobbs GSA Unit	200	Oil	P&A	2310	N	2310	E	G	6	19-S	38-E	10/16/1985	4185	16	14	40	13	Fill	Fill	12.25	8.625	1595	875	Circ.	Circ.	7.875	5.5	4175	1150	Circ.	Circ.									13 sacks + 2.5 Redi-mix			
3002529442	South Hobbs GSA Unit	198	Oil	P&A	749	N	1981	W	C	6	19-S	38-E	11/29/1985	4264	20	14	40	3	Fill	Fill	12.25	8.625	1584	1100																				

3002507681	South Hobbs GSA Unit	78	Oil	P&A	1980	N	2310	E	G	10	19-S	38-E	5/8/1937	4280	17	13	220	150	Circ.	Circ.	12.5	9.625	1651	350	726	Calc.	8.75	7	4077	375	2808	Rpt	*	4.5	4280	410	Circ.	DV	4.5" Liner						
3002507682	South Hobbs GSA Unit	96	Oil	P&A	330	S	2310	E	O	10	19-S	38-E	4/24/1930	4190	*	15.5	118	150	Circ.	Circ.	*	10	1523	75	1336	Calc.	8.75	6.625	4064	60	3471	Calc.	*	4.5											
3002512724	South Hobbs GSA Unit	88	Oil	P&A	1650	S	2310	E	J	10	19-S	38-E	10/8/1929	4250	*	12.5	210	160	Surf.	N/R	*	9	2720	500	Surf.	N/R	*	7	3975	250	2976	CBL	*	4.5	3761	500	3762	TOL	4.5" Liner						
3002512726	South Hobbs GSA Unit	95	Inj	P&A	990	S	2310	E	O	10	19-S	38-E	6/9/1929	4254	*	15.5	111	40	Surf.	N/R	*	10.25	1657	100	1475	Calc.	*	6.625	4076	400	2910	CBL	8	4.5	4250	100	3605	TOL	4.5" Liner						
3002512727	South Hobbs GSA Unit	93	Oil	P&A	990	S	2310	W	N	10	19-S	38-E	10/7/1929	4220	*	15.5	292	60	139	Calc.	*	10.75	1668	40	1568	Calc.	*	8.625	4072	130	3127	Calc.													
3002520113	South Hobbs GSA Unit	79	Oil	P&A	1980	N	990	E	H	10	19-S	38-E	7/31/1963	4194	12	8.625	404	225	Circ.	Circ.	7.875	4.5	4180	275	2860	CBL																			
3002521341	South Hobbs GSA Unit	89	Inj	P&A	2310	S	940	E	I	10	19-S	38-E	3/26/1965	4235	11	8.625	272	300	Circ.	Circ.	7.875	5.5	4180	300	2860	CBL																			
3002522006	South Hobbs GSA Unit	97	Inj	P&A	990	S	990	E	P	10	19-S	38-E	1/12/1967	4250	12.5	8.625	316	200	Circ.	Circ.	7.875	5.5	4215	300	2627	Calc.																			
3002526121	South Hobbs GSA Unit	126	Oil	P&A	1295	S	1365	W	N	10	19-S	38-E	10/28/1978	4258	15	11.75	1602	680	Circ.	Circ.	12.25	8.625	3974	1200	Circ.	Circ.	7.875	5.5	4257	100	Circ.	TOL							2 - 5.5" Liners Cement to surface						
3002507679	South Hobbs GSA Unit	68	Oil	P&A	2310	N	2310	E	B	10	19-S	38-E	3/15/1937	4226	17	12.75	220	200	Surf.	Circ.	12.25	9.625	1659	375	561	Calc.	12.25	7.7	1070	350	3150	CBL	6.75	4.5	4246	700	300	CBL	4.5" from Surface						
3002512726	South Hobbs GSA Unit	95	Oil	P&A	990	S	2310	E	O	10	19-S	38-E	6/9/1929	4254	17.5*	15.5	111	40	Surf.	Circ.	12.25*	10.5	1657	100	Surf.	Circ.	8.75	7	4078	400	1638	Calc.	6.75	4.5	4254	100	TOL								
3002526330	Pre-Ongard	1	Oil	P&A	330	N	1830	E	B	11	19-S	38-E	5/27/1979	3235	11	8.625	350	260	Surf.	Circ.		None					7.875	5.5	4300	200	3241	Calc.						Cut & pull 5-1/2" @ 830'							
3002507686	Pre-Ongard	1	Oil	P&A	2310	S	330	W	L	14	19-S	38-E	11/25/1929	4500	17.5*	15.5	136	40	Surf.	Circ.	12.5*	10.75	1672	40	1572	Calc.	10.25*	8.625	4072	80	3770	Calc.						1st P&A 1930; Replugged by Amoco 1984							
3002507700	South Hobbs GSA Unit	98	Inj.	P&A	330	N	330	E	A	14	19-S	38-E	9/29/1962	4260	12.25	8.625	303	175	Surf.	Circ.		None					6.75	4.5	4153	200	3000	Temp													
3002507688	South Hobbs GSA Unit	101	Oil	P&A	990	N	2310	W	C	15	19-S	38-E	4/20/1930	4300	*	16	130	50	52	Calc.	*	10.75	1647	75	1475	Calc.	*	8.625	4010	75	3466	Calc.													
3002507689	South Hobbs GSA Unit	102	Oil	P&A	330	N	2310	E	B	15	19-S	38-E	4/22/1930	4198	*	12.5	164	100	Surf.	N/R	*	8.25	3207	600	Surf.	N/R	*	7	3995	50	3349	Calc.	*	4.5	4178	100	3880	TOL	4.5" Liner						
3002507690	South Hobbs GSA Unit	108	Oil	P&A	2310	S	2310	W	K	15	19-S	38-E	11/6/1961	4215	11	8.625	410	200	Circ.	Circ.	7.75	4.5	4215	270	3075	Calc.																			
3002507691	South Hobbs GSA Unit	103	Oil	P&A	990	N	2310	E	B	15	19-S	38-E	4/21/1930	4822	*	12.5	166	100	Circ.	Circ.	*	8.25	3186	700	Surf.	N/R	*	6.625	3997	50	3740	Calc.													
3002507692	South Hobbs GSA Unit	107	INJ	P&A	1650	N	2310	E	G	15	19-S	38-E	4/21/1930	4213	*	13	197	100	Circ.	Circ.	*	8.625	3225	600	Surf.	N/R	*	7	4000	75	3031	Calc.													
3002507693	South Hobbs GSA Unit	106	Oil	P&A	1650	N	2310	W	F	15	19-S	38-E	7/6/1929	4213	*	15.5	300	75	109	Calc.	*	10.75	2854	500	1753	Calc.	*	8.625	4080	100	3300	Calc.	*	4.5	4161	60	3975	TOL	4.5" Liner						
3002507694	South Hobbs GSA Unit	100	INJ	P&A	330	N	2310	W	C	15	19-S	38-E	5/2/1930	4364	*	18	117	75	Circ.	Circ.	*	10.75	1633	75	1461	Calc.	*	8.625	4000	75	3455	Calc.	*	5.5	4151	60	3973	TOL	5.5" Liner						
3002507695	J.H. Moore	1	Oil	P&A	1980	S	660	W	L	15	19-S	38-E	10/5/1961	4239	9.875	7.875	439	200	Circ.	Circ.	6.75	2.875	4239	550	1760	Calc.																			
3002507696	South Hobbs GSA Unit	111	INJ	P&A	990	S	1980	W	N	15	19-S	38-E	7/1/1961	4190	9.875	7.625	416	200	Circ.	Circ.	6.75	4.5	4189	450	1200	Calc.																			
3002507697	Nordon Corp. Limited	2	Oil	P&A	990	S	990	W	M	15	19-S	38-E	11/1/1961	4210	9.875	7.625	451	200	Circ.	Circ.	6.75	2.875	4206	550	1727	Calc.																			
3002507698	South Hobbs GSA Unit	110	INJ	P&A	2310	S	990	E	I	15	19-S	38-E	10/17/1961	4238	9.875	7.625	441	200	Circ.	Circ.	6.75	2.875	4166	550	1687	Calc.																			
3002507699	South Hobbs GSA Unit	109	Oil	P&A	2310	S	2310	E	J	15	19-S	38-E	6/1/1930	4183	*	12.5	158	200	Surf.	N/R	*	8.25	2905	600	Surf.	N/R	*	7	3996	75	3026	Calc.	8	5.5	3973	250	Circ.	Circ.	*	5.1875	4175	0	3976	TOL	2 Strings of Liner
3002512788	Hobbs SWD E	E-15	SWD	P&A	1650	N	840	W	E	15	19-S	38-E	7/2/1957	4872	12.25	9.625	322	275	Circ.	Circ.	8.75	7	4872	1175	1200	Calc.																			
3002520028	South Hobbs GSA Unit	105	INJ	P&A	1800	N	990	W	E	15	19-S	38-E	7/6/1963	4242	11	8.625	410	250	Circ.	Circ.	7.875	4.5	4142	300	2934	Calc.																			
3002520539	South Hobbs GSA Unit	99	Oil	P&A	350	N	660	W	D	15	19-S	38-E	5/14/1963	4228	11	8.625	430	225	Circ.	Circ.	7.875	4.5	4130	300	2922	Calc.																			
3002522482	South Hobbs GSA Unit	104	Oil	P&A	330	N	990	E	A	15	19-S	38-E	3/25/1968	4210	11	8.625	291	120	Circ.	Circ.	7.875	5.5	4210	200	3151	Calc.																			
3002507407	Pre-Ongard	1	Oil	P&A	650	S	2635	E	O	27	18-S	38-E	12/6/1947	4286	11	7.875	246	250	Surf.	Circ.		None					7.875	5.5	4069	350	2790	Temp						Cut & pull 5.5" @ 1216'							
3002507502	Pre-Ongard	8	Oil	P&A	990	S	1650	E	O	31	18-S	38-E	12/4/1947	3270	11	8.625	410	200	Surf.	Circ.		None					7.875	4.5	3199	850	Surf.	NR													
3002507524	Pre-Ongard	6	Oil	P&A	330	S	330	E	P	32	18-S	38-E	8/16/1930	4166	16.5	13.375	207	200	Surf.	Circ.	12.25	9.625	2770	600	1013	Calc.	8.25	6.625	3965	400	1185	Calc.						Cut & Pull 6-5/8" @ 969/ 9-5/8" @ 978'							
3002507532	W.D. Grimes NCT-A	14	n/a	P&A	660	S	660	W	M	32	18-S	38-E	3/9/1948	2600	12	8.625	313	235	Surf.	Circ.		None					NONE										Well blew out - plugged and abandoned								
3002507534	W.D. Grimes NCT-A	14-Y	Oil	P&A	990	S	990	W	M	32	18-S	38-E	4/4/1948	3256	12.25	9.625	331	235	Surf.	Circ.		None					8.75	5.5	3141	800	355	Temp						Replacement well for above							
3002507540	State Land 32	6	Oil	P&A	660	S	1990	E	O	32	18-S	38-E	5/12/1948	3240	11	8.625	301	125	Surf.	Circ.		None					7	5.5	3160	750	330	Temp													
3002507549	Pre-Ongard	8	Oil	P&A	2060	S	660	W	L	33	18-S	38-E	9/15/1948	3200	17.5	13.375	362	300	Surf.	Circ.		None					7.875	5.5	3199	1200	Surf.	NR													
3002507552	Pre-Ongard	11	Oil	P&A	2310	N	2310	E	G	33	18-S	38-E	5/12/1949	3194	13.75	10.75	402	375	Surf.	Circ.		None					7.875	5.5	3190	1200	Surf.	NR													
3002507557	Pre-Ongard	6	Oil	P&A	2086	N	2086	E	B	33	18-S	38-E	5/11/1948	3226	13.375	9.625	312	375	Surf.	Circ.		None					7.875	5.5	3130	700	Surf.	NR													
3002523856	Conoco State	2	Oil	P&A	2086	S	2086	W	K	33	18-S	38-E	8/30/1971	7075	17	13.375	402	410	Surf.	Circ.	12.25	9.625	3797	350	998	Circ.	8.75	5.5	7075	600	3503	Calc.													
3002507550	Pre-Ongard	9	Oil	P&A	585	S	585	W	M	33	18-S	38-E	10/3/1948	3235	13.375	10.75	371	300	Surf.	Circ.		None					7.875	5.5	3199	1000	Surf.	NR													
3002507551	Truckers Brine Station	2	Brine	P&A	1980	S	1980	W	K	33	18-S	38-E	2/9/1949	3198	12.25	9.625	345	200	Surf.	Circ.		None					7.875	5.5	3195	1000	Surf.	NR						Damaged CSG +Junk TBG & PKR in hole							
3002507558	W.D. Grimes NCT-B	6	Oil	P&A	1980	S	960	E	I	33	18-S	38-E	3/24/1																																

SECTIONS
3 & 4

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.23

API 30-025-07582

660' FSL & 1980' FWL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/02/1935

P&A Date: 8/03/1985

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Surface
Spot 10 sxs

Sqz Perfs 500'-01' w/ 4 spf
Sqz w/ 700 sxs
(660 sxs in formation)

Spot 25 sxs
1605-1410'

Spot 25 sxs
2600-2405'

Gelled brine
between plugs

Spot 20 sxs
3890-3735'

5 sxs on tool

Cmt. Ret. @ 3900'
Sqz'd w/ 135 sxs
4 sxs Tuff Plug

Cmt. Ret. @ 4130'
Sqz Perfs 4145' -80'

P&A Marker

208'

4055'

4200'

TD @ 4232'

<PRE P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50#, H-40 csg. (Assumed 13.75" Hole) @ 208'
150 sx Class 'C' - Circulate 75 sx.

Intermediate Casing

7.0", 22# J-55 csg. (Assumed 8.75" Hole) @ 4055'
500 sx Class 'I' - Circulated

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

| | | | |
|---------------|------------------|-------------|-----------------|
| PROPOSED WORK | PLUG AND ABANDON | REWORK WORK | PLUG AND REPAIR |
| REWORK WORK | REWORK WORK | REWORK WORK | REWORK WORK |
| REWORK WORK | REWORK WORK | REWORK WORK | REWORK WORK |

NOTICE IS HEREBY GIVEN THAT THE FOLLOWING WORK IS BEING DONE ON THE ABOVE DESCRIBED WELL AND THAT THE SAME IS BEING DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OIL & GAS ACT OF 1935.

MISC 6-3-85 and released anchor and P&A. Run cement retainer to 3900'.
Spurred with 100 SX Class C cement and 35 SX Class C with 40 SX of Tuff Plug.
Pulled out of hole and changed 5 SX on tool. Pulled up to 3890' and spot 20 SX
Cement. Displaced hole with 69 SX Class C cement. Pulled up to 3890' and spot 25 SX
Cement. Pulled up to 1605' and spot 25 SX Cement. Perforated 500'-01' with
40 SX in casing. WOC. Cut off well head and installed P&A marker.
MISC 6-7-85.

Charles M. Lanning Administrative Analyst (SG) 6/12/85
E. E. Turner OIL & GAS INSPECTOR JAN 22 1986

Perfs 4048'-4118'
Existing Plug - 10' on Cmt. Ret.

Production Casing

5.0" 13#, J-55 csg. (Assumed 5.625" Hole) @ 4200'
800 sx Class 'H' - TOC @ 4318' Circ. DV Tool

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.57

API 30-025-07583

205' FSL & 205' FWL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/09/1929

P&A Date: 2/21/1984

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 50 sxs
200' - 0'

P&A Marker

G.L. 3602'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

20.0", 90# csg. @ 185'

600 sx Class 'C' - Circulate 75 sx.

Surface Casing

15.5", 70# csg. (Assumed 17.5" Hole) @ 696'

600 sx Class 'C' - Circulate 75 sx.

Intermediate Casing

13", 50# csg. (Assumed 17.5" Hole) @ 1549'

125 sxs El Toro - 1369' Calculated

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data | | | |
|--|--------------------------|---------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PLUGGING OF EXISTING WELLS | ☐ | PLUG AND ABANDON | ☐ |
| REPAIRS TO EXISTING WELLS | ☐ | REPAIRS TO EXISTING WELLS | ☐ |
| PLUG OF EXISTING WELLS | ☐ | REPAIRS TO EXISTING WELLS | ☐ |
| OTHER | ☐ | REPAIRS TO EXISTING WELLS | ☐ |

11. Describe in brief the operations performed (Clearly state all pertinent details, and give pertinent data, including estimated date of starting and proposed completion date.)

Moved in service unit 2-21-84. Pulled rods and pump and displaced with 10 lb. brine water. Hipped up blow out preventer and pulled tubing and mother hubbard. Ran cement retainer and tubing, cement retainer set at 3997'. Pressure tested tubing 2500 psi, OK. Loaded casing with 75 BM and tested casing to 750 psi, OK. Cement squeezed with 100 sx Class C cement, 100 sx Class C cement containing 4 lb/sx tuff plug, and 100 sx Class C cement. Stung out of retainer. Pulled up 2-7/8" tubing and tubing landed at 3837'. Reversed out 32 sx cement and spotted 60 bbl gelled brine. Pulled tubing & stinger. Perforated 1 ft. interval at 2800' with 4 JSP. Established circulation between 8-5/8", 10-3/4" casing. Ran Baker 8-5/8" cement retainer, set at 2718'. Tested tubing and loaded 8-5/8" casing. Pumped 128 sx Class C cement between 8-5/8" & 10-3/4" casing to approx. 2400 ft. Stung out of retainer and 25 sx. Cement survey found top of cement at 2370'. Ran tubing to 2583' and dug out cellar. Pulled tubing and perforated 2300-2301 with 4 JSP. Pumped 5 BM down 8-5/8" casing and broke circulation out 10-3/4" casing. Pumped 98 bbl gelled brine through perfs at 2300' and displaced with 65 bbl water. Perforated 1655-56'. Ran cement retainer & 2-7/8" tubing, cement retainer set at 1375'. Cemented 13-3/8" x 10-3/4" with 359 sx cement and circulated 59 sx. Cemented 10-3/4" x 8-3/4" with 169 sx cement and circulated 32 sx. Squeezed 168 sx cement into formation, stung out of retainer, and pulled tubing. tubing landed at 1250'. Left 32 sx cement on retainer and reversed out 2 sx cement. Pulled tubing and stinger. Ran tubing, landed at 1250'. Displaced casing with 74 bbl gelled brine. Pulled tubing, tubing landed at 194'. Spotted with 50 sx cement at surface. Pulled tubing, nipped down blow out preventer, cut off wellhead, and (OVER) erected P&A marker. Moved off service unit 3-3-84. Well plugged and abandoned.

By: *[Signature]* Date: 3/22/84
Title: *[Signature]* Date: 3/22/84
Checked by: *[Signature]* Date: 3/22/84

Intermediate Casing

10.75", 45# csg. (Assumed 13.75" Hole) @ 2799'

80 sx El Toro TOC @ 2590' Calculated

Production Casing

8.625", 36# csg. (Assumed Hole 9.875") @ 4025'

80 sx El Toro TOC @ 1217' Calculated

Cement Retainer @ 1375'

Sqz Perfs 1555'

10"-12" w/ 349 sxs cement

Circulated 59 sxs

8"-10" w/ 189 sxs cement

Circulated 32 sxs

Sqz Perfs 2300'

w/ 98 sxs gelled brine

2718'-2620'

Spot 25 sxs

Cement Retainer @ 2718'

Sqz Perfs 2800

w/ 128 sxs cement

3997-3747'

68 sxs

(100 sxs w/32 rvsd out)

Cement Retainer @ 3797'

185'

696'

2397-2532'

Spotted 74 sxs gelled brine

Spot 30 sxs

1375-1250'

1549'

2799'

4025'

Openhole 4025'-4220'

TD @4220'

SOS Consulting, LLC

Drawn by: Ben Stone, 1/13/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.37

API 30-025-07584

1980' FNL & 2310' FEL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 8/03/1935

Convert to Inj.: 2/25/1976

P&A Date: 6/21/1995

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Surface
10 sxs

Cmt. Ret. @ 200'
Sqz Perfs 300'-01' w/ 4 spf
Sqz w/ 150 sxs
Circulated between
7" & 12.5"

Spot Cement
1680'-1580'

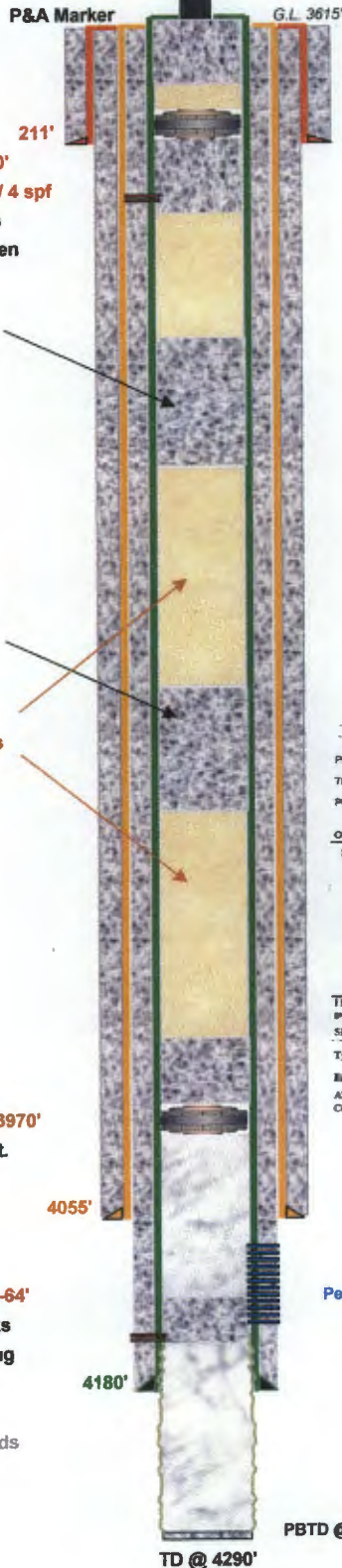
Spot Cement
2690'-2590'

9.5# Mud
between plugs

Set P&A CIBP @ 3970'
Cap w/ 50' cmt.

Sqz Perfs 4159' -64'
Sqz'd w/ 50 sxs
50 sxs Tuff Plug

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
12.5", 50#, H-40 csg. (17" Hole) @ 211'
175 sx El Toro (C) - Circulated

Intermediate Casing
7.0", 22# J-55 csg (9.625" Hole) @ 4174'
500 sx El Toro (C) - Circulated

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Data Date

| | | | |
|-----------------------|---------------------|----------------------------|----------------------|
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | REMEDIAL WORK | OTHER |
| TEMPORARILY ABANDON | CHANGE PLANS | COMMENCE DRILLING OPS. | PLUG AND ABANDONMENT |
| PULL OR ALTER CASING | MULTIPLE COMPLETION | CASING TEST AND CEMENT JOB | OTHER |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Ream operations began 06/12/1995 and were completed on 06/21/1995.
REMS. Set CIBP @ 3970' and cap w/50' class C cmt. Sealed hole w/9.5# and 12.5# csg. Spk 300' class C cmt plug 2/2690'-2590'. Spk 300' class C cmt plug 2/2690'-1680'. Spk 300' w/4 spf to penetrate the 5" and 7" casing. Set cement sealers @ 200' and circulated 300 sacks cement between the 7" and 12-1/2". Cap w/ 30 sacks class C cement 2/0-15". Installed 2nd meter and cmt off wellhead. Well 30h 06/21/1995.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that my job or below grade work has been done in accordance with the applicable rules and regulations of the OCS-approved plan.

SIGNATURE: *Paul Brumley* TITLE: *Responsible Person* DATE: *10/28/2007*
Type or print name: *Paul Brumley* E-mail address: *Paul.Brumley@ocs.com* Telephone No: (409) 366-2585

APPROVED BY: *Ray Wink* TITLE: *OC FIELD REPRESENTATIVE / STAFF MANAGER* DATE: *OCT 22 2007*
Conditions of Approval, if any:

Production Casing
5.0" 13#, J-55 csg. (Assumed 5.625" Hole) @ 4180'
345 sxs - TOC @ 4316' Circ. DV Tool

Perfs 4067'-4130'

PBTD @ 4282'

TD @ 4290'

SOS Consulting, LLC

Drawn by: Ben Stone, 1/24/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.24**

API 30-025-07585
 620' FNL & 1293' FEL, SEC. 3-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 7/13/1941
 Well TA'd: 7/05/1991
 P&A Date: 6/30/1982

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spotted 25 sxs
 249' - Surface

P&A Marker G.L. 3605'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 36#, H-40 csg. (12" Hole) @ 194'
 60 sx El Toro ('C') - Circulated

Intermediate Casing

5.5", 14# J-55 csg (8.75" Hole) @ 4114'
 518 sx El Toro ('C') - Calc. to Surface - Not Reported

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |

12. Describe Proposed or Completed Operations: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) 888 888.8 1168.

12/04/97 MOVE LR P&A EQUIPMENT, RO UNIT & PUMP.
 12/05/97 RUN W/2-3/8" TMS. TAG CIBP, CTR BORE 1/33 SXS HLT.
 12/05/97 PUMP 25 SXS FROM 4050'-3677'.
 12/05/97 PUMP 25 SXS FROM 2831'-2458'.
 12/05/97 PUMP 25 SXS FROM 1826'-1453'.
 12/05/97 PUMP 25 SXS FROM 249'-SURFACE.
 12/08/97 CUT OFF WELL HEAD, INSTALL DRY HOLE MARKER.

No DHM.

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

Milton Weatherall P&A SUPERVISOR DATE 12/05/97

WILTON WEATHERALL TELEPHONE NO. 912-530-0907

(Check Space for Date Only)

John Polunin DATE 12/05/97

ICJ

CIBP @ 4075'
 (Placed for 1991 TA
 Cap w/ 3 sxs sand)

4141'
 4176'

Perfs 4134'-44'
 and 4158'-88'

Formation Fluids

TD @ 4234'

Production Casing

4.5" 12.6#, J-55 csg. (Assumed 6.25" Hole) @ 4176'
 96 sxs - Circulated to Surface

SOS Consulting, LLC

Drawn by: Ben Stone, 1/27/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.38

API 30-025-07586

2205' FNL & 1293' FEL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 8/25/1941

Well TA'd: 8/27/1991

P&A Date: 2/02/2000

Well plugged by:
Aktura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 10 sxs
30' - Surface

Sqz Perfs @ 246'
(4 holes - Sqz'd w/ 50 sxs
thru PKR @ 30' - tag @ 132')

Spot 25 sxs
1826-1453'

Spot 25 sxs
2831-2458'

Sqz Perfs @ 2900'
(4 holes - held 1500 psi)

Mud ladened fluid
between plugs

Spot 25 sxs
4045-3670'

CIBP @ 4059'
(Placed for 1991 TA
Cap w/ 2 sxs sand)

Formation Fluids

P&A Marker

G.L. 3602'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 36#, H-40 csg. (12" Hole) @ 186'
175 sx El Toro (C) - Circulated

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|-----------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLUGS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| REMEDIAL WORK | | ALTERING CASING | ☐ |
| COMMENCE DRILLING OPS | | PLUS AND ABANDONMENT | ☒ |
| CASING TEST AND CEMENT JOB | | OTHER | ☐ |

Overdue Prepared or Completed Operations (Clearly state abandonment details, and give pertinent dates, including estimated date of starting dry proposed work) SEE RULE 1905

01/28/00-Notify OGD of intent to plug
01/31/00-Spot 25 sx cement on CIBP @ 4059', perf 4 holes @ 2900'
02/01/00-Set packer @ 2600', pressured up on perf to 1500# held, okayed by Gary Wink, OGD, to spot 25 sx cement @ 2850-2458', spot 25 sx cement @ 2800', spot 25 sx cement @ 1810 perf 4 holes @ 246', set packer @ 30', spot 50 sx cement, displaces to 140'
02/02/00-Tag plug @ 132', spot 10 sx cement from 30' to surface
02/02/00-cut off well head, install dry hole cap

I hereby certify that the information shown is true and complete to the best of my knowledge and belief

SIGNATURE: [Signature] TITLE: Key Energy P&A Supervisor DATE: 02-02-00

TYPE OF HEAD HOLE: Larry Wink TELEPHONE NO. (918) 823-9155

PREPARED BY: [Signature] COMPLAINT OFFICER: [Signature] DATE: 02-02-00

COMPLETION DATE: 02-02-00

G-SA Perfs (Unable to determine depth in well file)

Production Casing

5.5" 14.0#, J-55 csg. (8.75" Hole) @ 4132'
500 sxs - TOC @ 3148' by CBL

Remedial Work

Cmt. Ret. @ 4104'
Sqz'd w/ 100 sxs
and then drilled out to 4200'

PBTD @ 4200'

Perfs in OH 4230'-33'

TD @ 4233'

SOS Consulting, LLC

Drawn by: Ben Stone, 1/28/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.48

API 30-025-07590

1980' FSL & 2310' FEL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/05/1935

Convert to Inj.: 12/06/85

TA Date: 5/08/2002

P&A Date: 9/12/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Circ. 125 sxs
down 7" &
up Annulus

221'
Sqz Perfs 271'
Sqz's w/ 125 sxs
(Circulated to surface)

1802'-1590' (Tagged)
40 sxs

Shot Perfs 1750'
(Held 2000 psi)

2915'-2695' (Tagged)
40 sxs

Plugging Mud
between cmt. plugs

Shot Perfs 2863'
(Held 2000 psi)

Spot 40 sxs
4060'-3704'
(Spot on Existing CIBP)

CIBP @ 4060' for TA in 2002

Formation Fluids



Surface Casing

13.0", 40# csg. (17.5" Hole) @ 221'

175 sx - TOC @ 7' - Calculated

Intermediate Casing

9.625", 36# csg. (12.5" Hole) @ 1690'

560 sxs Atlas ('C') - TOC @ 50' Calculated

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Action is completed.

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|--|---|--|
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ENTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPERATIONS ☐ | PLUG ANNU ☐ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPLETION ☐ | CASING TEST AND CEMENT JOB ☐ | ABANDONMENT ☐ |
| OTHER: ☐ | | OTHER: ☐ | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, such as completion date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagrams of proposed completion or recompletion.

9/11/04 Tag existing CIBP @ 4060'. Circulate well w/ plugging mud. Spot 40 sxs of cement 4060'-3819'

9/12/04 Perf @ 2863' Pressured up to 2000 psi-Held. Covered w/ 40 sxs of cement 2915' Tagged TOC @ 2695'

Perf @ 1750' Pressured up to 2000 psi-Held. Covered w/ 40 sxs of cement 1802' Tagged TOC @ 1590'

Perf @ 271' Circulated 125 sxs of cement down 7" up both annulus to surface.

Cut off wellhead & anchors 3' BGL. Cap well. Install dry hole marker.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been filled or closed according to NMEDC guidelines ☐ a general permit ☐ or as (attached) alternative OCB-approved plan ☐.

SIGNATURE: *Jack Shelton* TITLE: Agent DATE: 9/15/04

Type or print name: Jack Shelton E-mail address: jshelton@keyenergy.com Telephone No. 432-523-5153

APPROVED BY: *Dayu W. Link* TITLE: DATE: NOV 22 2004

Conditions of approval, if any: OC FIELD REPRESENTATIVE / STAFF MANAGER

Intermediate Casing

7.0", 24# csg. (8.75" Hole) @ 4071'

290sxs - TOC @ 3202' by CBL

Production Liner

4.5", 11.6# csg. (6.125" Hole) @ 4250' w/ 90 sx Class 'A'
TOC @ 3773' (Top of Lnr.)

SOS Consulting, LLC

Drawn by: Ben Stone, 1/29/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.49

API 30-025-07592

1980' FSL & 1293' FEL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 6/20/1945
Convert to Inj.: 2/10/1976
P&A Date: 7/08/1999

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 10 sxs
31' - Surface

Spot 25 sxs
403'-251'

Spot 25 sxs
2000'-1847'

Sqz Perfs @1850'
(4 holes - Sqz'd w/ 70 sxs
thru PKR @ 1606' - tag @ 1670')

Spot 25 sxs
2810'-2657'

**10# Mud laden fluid
between plugs**

Spot 35 sxs
4150'-3662'
(On CIBP)

P&A Marker

G.L. 3615'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

10.75", 40# csg. (13.75" Hole) @ 355'
300 sx El Toro (C) - Circulated

Remedial Sqz Perfs @ 500'
(4 holes - Sqz'd w/325 sxs
circulated to surface)

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | |
|---|--|
| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK ☐ | REMEDIAL WORK ☐ |
| TEMPORARILY ABANDON ☐ | ABANDON CASING ☐ |
| PULL OR ALTER CASING ☐ | COMMENCE DRILLING OPERATIONS ☐ |
| OTHER: ☐ | CASING TEST AND CEMENT JOBS ☐ |
| | FLUID FILL ABANDONMENT ☒ |
| | OTHER: ☐ |

Describe Proposed or Completed Operations (Check appropriate boxes, and give pertinent dates, including estimated date of starting any proposed work) SEE PAGE 1100.

7-1-99 Discuss C-103 Paul Cox-OCD Move in & Rig up Pulling Unit.

7-2-99 Set 4-1/2" CIBP on wellhead @ 4150'. Circulate hole 100 gal MLF. Spot 35 in Class C @ 4150'-3662'. Spot 25 in Class C @ 2810'-2657'. Spot 25 in Class C 2000'-1847'.

7-4-99 Perforate 4SPF @ 1850' - Set Pits @ 1800' Squeeze 70 in Class C w/ 2% CaCl₂ WOC & Tag @ 1670'. Spot 25 in Class C @ 403'-251'. Spot 10 in Class C @ 31'-3'.

7-8-98 Cut off wellhead & anchors at BGL. Cap well with steel plate with legal description welded on plate.

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

SIGNATURE Terry McBeth TITLE Plugging Supervisor DATE 7-18-99

PRINT OR REPEAT NAME Terry McBeth TELEPHONE NO. 715-523-8195

(The space for State Use)

APPROVED BY [Signature] TITLE Field Rep DATE 7-18-99

CONDITIONS OF APPROVAL, IF ANY

Production Casing

7.0" 20.0#, J-55 csg. (8.75" Hole) @ 4141'
800 sxs - Calc. to Surface - No Circulation

1st Recom - Perfs 4096'-4131'
(Sqz'd at liner setting)

Production Liner

4.5" 10.5#, J-55 csg. (6.125" Hole) @ 4291'
70 sxs 'C' Neat - TOC @ 3678' (TOL) - Tagged & D/O

Perfs in OH 4209'-12'

2nd Recom - Set Lnr. Perf 4.5" 4250'-90'

PBTD @ 4275'

(from Remedial Sqz & D/O)

Set P&A CIBP @ 4150'

Formation Fluids

4141'

4291'

4291'

DTD @ 4310'

SOS Consulting, LLC

Drawn by: Ben Stone, 1/29/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.60

API 30-025-07595

760' FSL & 990' FEL, SEC. 3-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/06/1955

Well TA'd: 2/19/1990

P&A Date: 7/24/1997

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Sqz Perfs @ 358'
(4 holes - Sqz'd w/ 200 sxs
thru TBG @ 258' - Circulated)

Spot 25 sxs
1684'-1443'

Mud laden fluid
between plugs

Spot 25 sxs
4045'-3719'

CIBP @ 4030' for 1990 TA Status

Sqz'd Perfs 4133'-49'
and 4182'-87'

Sqz'd Perfs 4205'-27'

Sqz'd Perfs 4228'-68'

4267'

TD @ 4280'

PBTD @ 4270'

Surface Casing

8.625", 36#, H-40 csg. (11" Hole) @294'
240 sx El Toro (C) - Circulated

<P&A SUBSEQUENT SUNDRY>

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|----------------------------|--------------------------|-----------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLUGS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| COMMENCE DRILLING OPS | ☐ | PLUG AND ABANDONMENT | ☐ |
| CASING TEST AND CEMENT JOB | ☐ | | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE HOLE LOG

7/23/97 TAG CIBP @ 4030'.
7/24/97 CIRC HOLE W/H/L.
7/24/97 CAP CIBP W/25 SXS CMT (PLUG #1 4030'-3719').
7/24/97 SPOT 25 SXS CMT @ 1684' (PLUG #2 1684'-1443').
7/24/97 SHOT 4 HOLES @ 358'.
7/24/97 SET NET @ 258': CIRC 200 SXS CMT TO SURF.
7/24/97 CUT OFF WELL HEAD.
7/24/97 INSTALL DRY HOLE MARKER.

COPY

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

APPROVED: Marc L. Heathen TITLE: P&A SUPERVISOR DATE: 8/4/97

TYPE-LOG NAME: MARC L. HEATHEN JR TELEPHONE NO: 505-382-6965

(This space for Item 10)

APPROVED BY: Chris W TITLE: DATE: 8/4/97

Production Casing

5.5" 14.0#, J-55 csg. (7.875" Hole) @ 4267'
670 sxs - TOC @ 1850' by Calc.

Cmt. Ret. @ 3988'

Sqz'd w/ 300 sxs (R/O 80 sxs)
drilled thru and re-perf

Perfs 4137' - 4224'

Remedial Work

1st Original Perfs 4133'-87' (Sqz'd at recompletion)

2nd Completion Perfs 4205'-27' (Sqz'd at recompletion)

SOS Consulting, LLC

Drawn by: Ben Stone, 1/30/2012

PLUGGED WELL SCHEMATIC

State A2 RA/A Well No.11-Y

API 30-025-07604

810' FNL & 2030' FWL, SEC. 4-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 12/22/1951

TA'd Date: 1969 and 1974

P&A Date: 6/03/1985

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:
Surface
10 sxs
30'-Surface
10# Mud Circulated

Sqz Perfs 1525'-26'
thru Cmt Ret @ 1480'
w/ 145 sxs (Circ. 4 sxs)

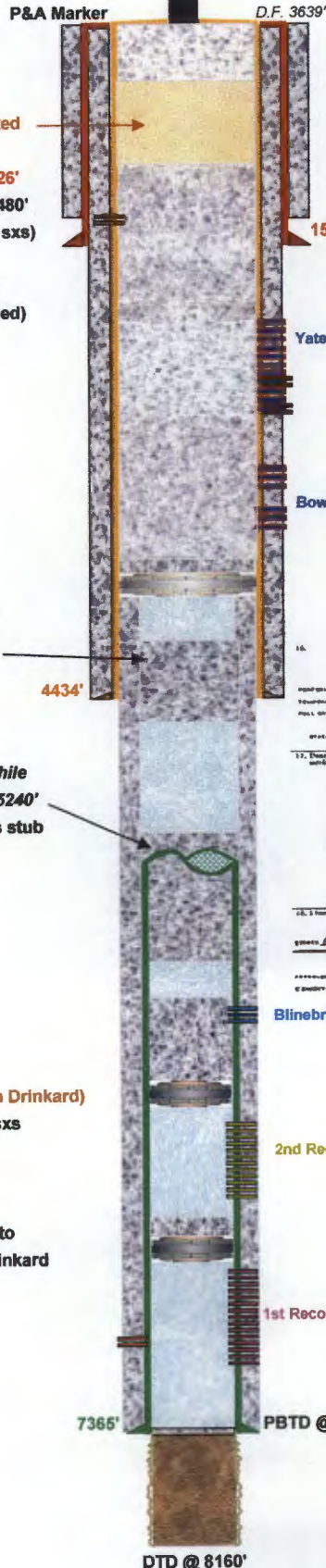
Spot 150 sxs
2617'-2115' (Tagged)

Spot 130 sxs
4490'-4350'

5.5" csg parted while
attempt to pull @ 5240'
Spot 50 sxs across stub

CIBP @ 6050' (Abandon Drinkard)
Covered w/ 20 sxs

CIBP @ 6810'
Cap w/ 10' cmt to
abandon Lower Drinkard



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

13.375", 48/54.5#, H-40 csg. (17.5" Hole) @ 1544'
150 sxs Class 'C' - Circulate 825 sx.

Recomp to Upper Zones (9/82)
(Later Abandoned as desc...)

Yates Perfs 2660'-2868'

Bowers Perfs 3172'-82' and 3200'-24'

Intermediate Casing

9.625", 32.3/40# J-55 csg. (12" Hole) @ 4434'
815 sxs Class 'I' - TOC 1500' Calculated

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|----------------------|------------------|------------------|------------------|
| REPAIRS REQUIRED | PLUG AND ABANDON | REPAIRS REQUIRED | REPAIRS REQUIRED |
| TEMPORARILY ABANDON | REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED |
| PULL UP ALIAS CEMENT | REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED |
| OTHER | REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED |

11. Describe breakdown or Completed Operations (Clearly state all pertinent details, and give pertinent facts, including estimated date of starting on proposed work) SEE RULE 6 (100).

Moved in service unit 4-19-83. Pulled tubing and packer. Ran a cast iron bridge plug to 2190' from surface and could not go down. Pulled bridge plug and stuck 1805' from surface. Drilled out cast iron bridge plug. Spotted 150 sacks class C cement with additives at 2617' from surface. Tagged cement to 2115' from surface and circulated hole with mud. Perforated 1525'-26' with 4 SPF and establish circulation. Set a cement retainer at 1480'. Cemented with 145 sacks class C neat cement and circ. 4 sacks. Spotted 10 sacks class C to surface. Erected dry hole marker. Moved out service unit 4-22-83.

5-15-1985, H 1-HOU 1-F. J. Nash, HOU 1-CLF

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

By: Cathy L. Furman TITLE: Asst. Admin. Analyst DATE: 5-3-83
By: P. H. [Signature] TITLE: DRS (C) [Signature] DATE: JUN 23 1983

Blaine Perfs 5923'-5953'

2nd Recomp - Drinkard Perfs 6730'-6776'

Production Casing

5.5" 14.0/15.5#, J-55 csg. (6.75" Hole) @ 7365'
200 sxs Cls 'H' - TOC @ 4300' Calculated

1st Recomp - Drinkard Perfs 6880'-6988'

SOS Consulting, LLC

Drawn by: Ben Stone, 1/30/2012

Drawn by: Ben Stone. 2/05/2012

PLUGGED WELL SCHEMATIC

Byers 'B' Well No. 34

API 30-025-24079

713' FNL & 1840' FEL, SEC. 4-T19S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 3/31/1972

Well TA'd: 1994

P&A Date: 7/20/2009

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Shot Sqz Perfs @ 441'
(Circ. 225 sxs to surf.)

Spot 25 sxs @ 1789'
(Tag @ 1522')

Shot Sqz Perfs @ 1725'
(Could not pump into)

Spot 30 sxs
2762'-2473'

Shot Sqz Perfs @ 2700'
(Could not pump into)

Spot 25 sxs
3201'-2955'

Spot 30 sxs
4080'-3860'

Shot Sqz Perfs @ 4025'
(Could not pump into)

5750'-5509'
25 sxs

Tagged CIBP @ 6554'
and spotted 30 sxs
6529'-6240'

CIBP @ 6599'
(Placed for 1994 TA status
Cap w/ 15' sand & 20' cement)

P&A Marker

R.D.B. 3631'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

11.55", 42# H-40 Csg. (15" Hole) @ 391'
275 sx Class 'C' - Circulated

Intermediate Casing

8.625", 24# H-40 Csg. (11" Hole) @ 3882'
500 sxs Class 'C' - TOC @ 1977' Calculated

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|---|-----------------------|--|
| PERFORM REMEDIAL WORK | ☐ PLUS AND ABANDON | REMEDIAL WORK | ☐ ALTERING CASING |
| TEMPORARILY ABANDON | ☐ CHANGE PLANS | COMMENCE DRILLING OPS | ☐ P AND A |
| PULL OR ALTER CASING | ☐ MULTIPLE COMPL | CASING/CEMENT JOB | ☐ |
| DOWNHOLE COMMENCE | ☐ | OTHER: | ☐ |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1403. For Multiple Completions: Attach without diagram of proposed completion or completions.

See Attached

Approved for plugging of well bore risks.
Liability under bond for retained pending receipt
of C-103 (Subsequent Report of Well Plugging)
which may be found at OCTD Web Page under
Permits. www.octd.state.nm.us/c103search

Spud Date: Reg Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens TITLE: Reg. Comp. Analyst DATE: 8/6/09

Type or print name: Mark Stephens E-mail address: Mark_Stephens@ocp.com PHONE: (720) 366-5159

APPROVED BY: [Signature] TITLE: DISTRICT 1 SUPERVISOR DATE: AUG 11 2009

Conditions of Approval (if any):

Plug and abandon Byers B No. 34 as follows -

7/15/09 - 7/20/09:

HL x RU. RD BH x RU BOP. RIN with 105 jcs. 2-3/8" workstring. Tag CIBP at 6554'. Spot a 30 sx. plug at 6529'. calculate TOC at 6240'. Spot a 25 sx. plug at 5750'. calculate TOC at 5509'. POOH with tubing. Set 5-1/2" AD-1 packer at 3358'. RU wireline x perforate at 4825'. Could not establish injection rate of 2000 psi with no loss. POOH with packer. RIN open ended to 4080'. Spot a 30 sx. plug at 4080'. Pull uphole x WOC. RIN x tag at 3810'. Pull up a spot a 25 sx. plug at 3201'. calculate TOC at 2955'. RIN with 5-1/2" AD-1 packer x set at 2448'. RIN with wireline x perforate at 2785'. Pressure test perfs to 2000 psi with no loss. Spot a 30 sx. plug at 2762' (OK'd by the OGD's Maxey Brown). POOH with tubing x WOC. RIN x set packer at 1349'. RU wireline x tag at 2395'. Perforate at 1725'. Could not establish injection rate of 2000 psi with no loss. Pull packer x run in hole open ended to 1789'. Spot a 25 sx. plug x WOC. RU wireline x tag at 1522'. Perforate at 441'. Establish injection rate of 1.5 mls/minute with full returns. RD BOP x circulate 225 sx. cement to surface up all three strings. RD x RD x clean location.

Perfs 6708'- 6836'

Perfs 6861'- 6926'

Formation Fluid

Production Casing

5.5" 14.0#, J-55 Csg. (7.875" Hole) @ 7319'
575 sxs Class 'C' - TOC @ 4663' Calculated

7319'

PBTD @ 7277'

TD @ 7318'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/07/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.196**

API 30-025-28986

245' FSL & 96' FWL, SEC. 4-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 11/08/1984

P&A Date: 3/13/2002

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

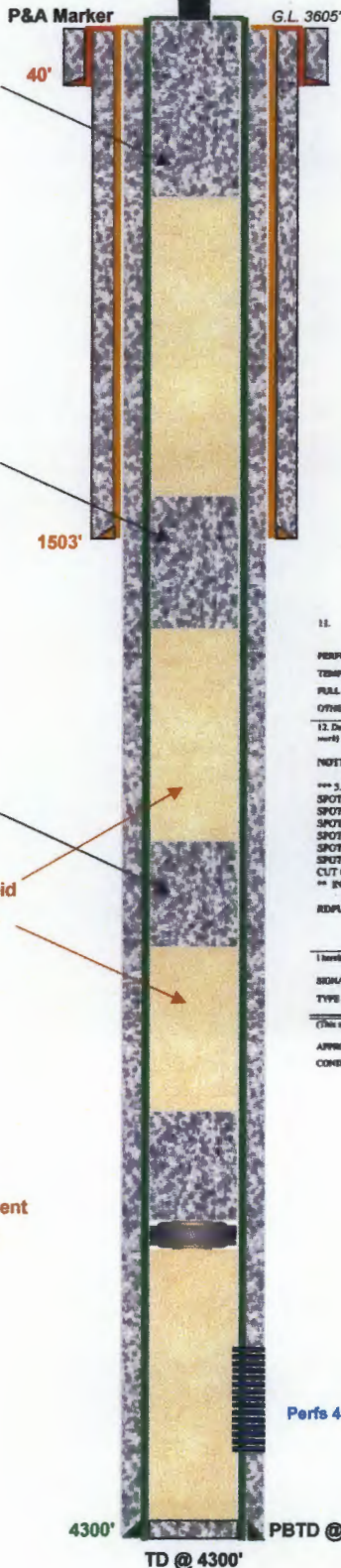
PLUGS: 350'-0'
 Spot 35 sxs

1700'-1450'
 Spot 25 sxs

2625'-2425'
 Spot 25 sxs

Mud Ladened Fluid
 Between Plugs

CIBP @ 4050'
 Cap w/ 50 sxs cement
 (Top @ ~3800')



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
 14.0" csg. (Assumed 17.5" Hole) @ 40'
 5 yds. Redi-Mix - Cement to Surface

Intermediate Casing
 8.625", 24# H-40 csg. (12.25" Hole) @ 1503'
 725 sxs Class 'C' - Circulated 150 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | COMMENCE DRILLING OPER. | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |
| PLUG & ABANDON | ☐ | ALTERING CASING | ☐ |
| CHANGE PLANS | ☐ | PLUG & ABANDONMENT | ☒ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE WULB 118D.

NOTIFY TIME WINDOW: (24 hrs) BEFORE SIG UP: (783-6461)

*** 3.5" CIBP SET @4050'. CAPPED W/50' CMT. TOC @3800'. 10/9/1993
 SPOT MFL FROM 3800' TO 2625'.
 SPOT 25 SXS CMT FROM 2425' TO 2625'. TAG PLUG. BOTTOM OF SALT @2525'.
 SPOT MFL FROM 2425' TO 1700'.
 SPOT 25 SXS CMT FROM 1450' TO 1700'. TAG PLUG. TOP OF SALT @1450'. BOTTOM OF 8-5/8" @1503'.
 SPOT MFL FROM 1450' TO 250'.
 SPOT 35 SXS CMT FROM 350' TO SURF.
 CUT OFF CSG BELOW GROUND LEVEL.
 ** INSTALLED DRY HOLE MARKER 4' ABOVE SURF.

RDPL. CLEAN LOCATION

Reg Up Date: 03/12/2002

Reg Down Date: 03/13/2002

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

SIGNATURE: *Robert Gilbert* TITLE: LIFT SPECIALIST DATE: 03/13/2002
 TYPE OR PRINT NAME: ROBERT GILBERT TELEPHONE: 303-997-0306

(This space for State Use)
 APPROVED BY: *Johnnie Robinson* TITLE: *MANAGER* DATE: *DEC 10 2002*
 CONDITIONS OF APPROVAL IF ANY:

GWW

Production Casing
 5.5" 15.5#, K-55 csg. (7.875" Hole) @ 4300'
 875 sxs Class 'C' Neat
 Circulated 75 sxs to Surface

Perfs 4120' - 4232'

4300' TD @ 4300'
 PBTD @ 4290'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/07/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.245**

API 30-025-35554
 1303' FSL & 708' FEL, SEC. 4-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 5/24/2001
 TA Date: 5/07/2004
 P&A Date: 4/18/2008

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: 9'-0' 40'
 Topped off w/ 5 sxs
 Shot perfs @ 100'
 (Sqz'd w/ 75 sxs
 and Tagged @ 9')

1700'-1450'
 Spot 25 sxs

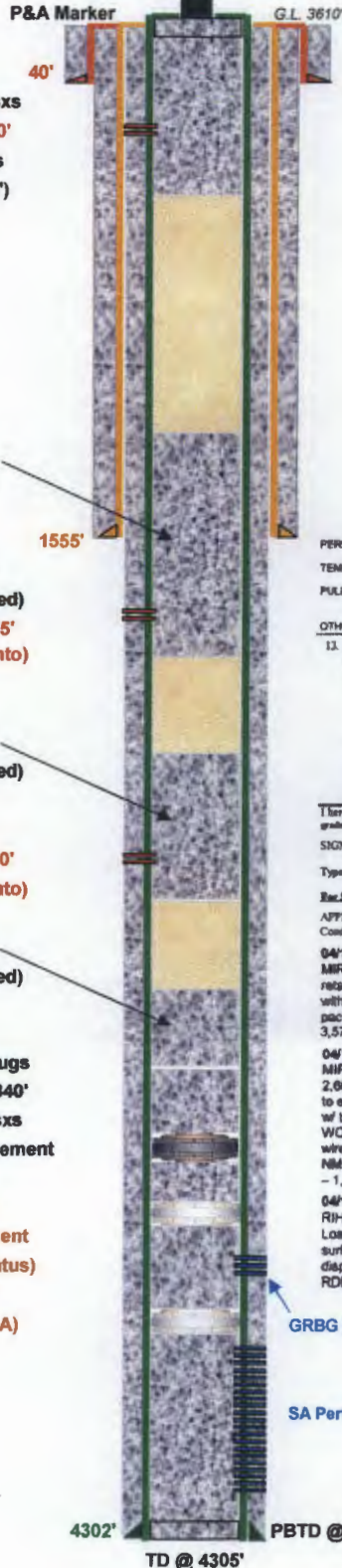
Spot 30 sxs
 1662'-1194' (Tagged)
 Shot perfs @ 1605'
 (Could not pump into)

Spot 30 sxs
 2782'-2442' (Tagged)

Shot perfs @ 2660'
 (Could not pump into)

Spot 30 sxs
 3572'-3239' (Tagged)

Drill out existing plugs
 & set Cmt Ret @3840'
 Sqz perfs w/ 200 sxs
 Cap CICR w/ 25 sxs cement
 3840'-3594'
 CIBP @3900'
 Cap w/ 50 sxs cement
 (Set for 2004 TA status)
 CIBP @ 4075'
 (Zone Abandon SA)



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
 14.0" csg. (18" Hole) @ 40'
 50 sxs - Circulated to Surface

Intermediate Casing
 8.625", 24# J-55 csg. (12.25" Hole) @ 1555'
 650 sxs PBCZ & 200 sxs Premium Plus
 Circulated 110 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| | | | |
|--|--|---|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPS. ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPLETION ☐ | CASING TEST AND CEMENT JOB ☐ | OTHER: ☐ |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1183. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Approved for plugging of well bore with
 Lubricant and/or cement according to NMOCD guidelines
 of C-100 (Minimum) Report of Well Plugging
 which shall be located in NCTI Well-Plan under
 Name: www.sosllc.com (See Note)

See Attachment

RECEIVED
 APR 29 2009
HOBBS OCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any job or below-grade work has been well constructed or closed according to NMOCD guidelines ☒ or as (attached) alternative OCD-approved plan ☐

SIGNATURE: Mark Stephens TITLE: Regulatory Compliance Analyst DATE: 4/23/08
 E-mail address: Mark_Stephens@ocd.com Telephone No. (713) 366-5158

Type or print name: Mark Stephens

Res. State Line Only

APPROVED BY: [Signature]
 Certificate of Approval, if any:

TITLE: PETROLEUM ENGINEER

DATE: JUN 19 2008

04/16/08 Wednesday

MIRU Triple N cementers. Stung out of retainer @ 3,840' and circulated hole w/ 75 bbls mud. Stung into retainer and established rate of 1 BPM @ 1,600 psi. Squeezed 200 sx C cmt on top of retainer. Stung out with 1,300 psi and displaced w/ 25 sx C cmt on top of retainer 3,840 - 3,594'. POOH w/ tubing. RIH w/ packer to 3,400'. Loaded hole, set packer, unable to pump below packer @ 1,000 psi. RIH w/ tubing to 3,572 and pumped 30 sx C cmt @ 3,572'. POOH w/ tubing & packer, SI well, SDFN.

04/17/08 Thursday

MIRU Triple N cementers. RIH w/ wireline and tagged cmt @ 3,239'. PUH and perforated casing @ 2,680'. POOH w/ wireline. RIH w/ packer to 2,125'. RU cementer, loaded hole, and set packer. Unable to establish rate 1,500 psi. Notified NMOCD, Buddy Hill, ok'd balanced plug. POOH w/ packer and RIH w/ tubing open-ended to 2,725'. Pumped 30 sx C cmt w/ 2% CaCl₂ 2,782 - 2,432'. POOH w/ tubing and WOC. RIH w/ wireline and tagged cmt @ 2,442'. PUH and perforated casing @ 1,805'. POOH w/ wireline. Loaded hole, SI BOP, and pressured up on casing to 1,500 psi, held 5 minutes. Called NMOCD, Buddy Hill, on procedure. RIH w/ tubing open-ended to 1,662' and pumped 30 sx C cmt 1,662 - 1,385'. POOH w/ tubing, SDFN.

04/18/08 Friday

RIH w/ wireline and tagged cmt @ 1,184'. PUH and perforated casing @ 100'. POOH w/ wireline. Loaded hole, SI BOP, and established rate into perforations 1 1/2 BPM @ 800 psi, unable to circulate to surface. Called NMOCD on procedure. ND BOP, NU wellhead, and squeezed 75 sx C cmt w/ 2% CaCl₂ displacing w/ 1/4 bbl, ISIP 100 psi. WOC and tagged cmt @ 9'. Topped off wellbore w/ 5 sx C cmt. RDMO cementers.

GRBG Perfs 3940' - 54'

SA Perfs 4094' - 4238'

Production Casing
 5.5" 15.5#, J-55 csg. (7.875" Hole) @ 4302'
 850 sxs Class 'C' & Premium Plus
 Circulated 130 sxs to Surface

SOS Consulting, LLC

Drawn by: Ben Stone, 2/07/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.53

API 30-025-07612

660' FSL & 660' FWL, SEC. 4-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 4/04/1934

Convert to Inj.: 1/10/76

P&A Date: 7/05/2012

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: 400' - 0'
Spot 75 sx

P&A Marker

D.F. 3604'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.75", 50# csg. (17.0" Hole) @ 196'
200 sx - Circulated

Intermediate Casing

9.0", 34# csg. (13.5" Hole) @ 2778'
600 sx 'C - Circulated
Sqz'd w/ additional 80 sx - 1/1976

1655'-1354'
Spot 50 sx

2883'-2689' (Tagged)
Spot 40 sx

Shot Perfs 2830'
(Could not pump into)

Loaded Hole w/
10# Mud Ladened Fluid

3719'-3538' (Tagged)
Spot 30 sx

TOL 3702'

CIBP @ 3900'
Cap w/ 35 sx

Formation Fluids

Remedial 8/31/88: Plug back to 4177'
to 4177' - Dump ball 1.5 sx - R'tn to Inj.

4220'

TD @ 4231'

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

Approved for plugging of well by: ☐ ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐
 Casing under bond a closed pending receipt of ☐ COMMENCE DRILLING OPERATIONS ☐ P AND A ☒
 Plugging under bond a closed pending receipt of ☐ CASING/CEMENT JOB ☐ OTHER: ☐
 TEMPORARILY - ☐ PERMANENTLY - ☐ OTHER: ☐
 ALL OR ALTER CASH - ☐ OTHER: ☐
 COWHOLE COMMANGLE - ☐ OTHER: ☐

13. Describe proposed or completed operations: (a) all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. SEE RULE 1103. Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1-1-12 MRLU 7-4-12 STACK OUT @ 3719'. CALLED OGD MAXI BROWN HE OK'ED TAG. M & P 100 MFL @ 3719'-SURFACE. SPOT 308X @ 3719'-3538' CTOC. PERFS 7' @ 2830'. COULD NOT ESTABLISH A RATE. SEAD BROWN OK'ED SPOT. SPOT 405X @ 2883'-2642' CTOC. TAG @ 2689'. 7-5-12 OGD MAXI BROWN OK'ED NO TAG @ 1655' PLG & NO PERFS @ 400' PLG SPOT 305X @ 1655'-1354' CTOC. SPOT 795X @ 400'-SURFACE. REMED

Spud Date: Big Release Date: 7/05/12

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens TITLE: Regulatory Compliance Analyst DATE: 9/29/12
 Type or print name: Mark Stephens E-mail address: Mark.Stephens@oxy.com PHONE: 479.331.366-5159
 For State Use Only: APPROVED BY: [Signature] TITLE: Don [Signature] DATE: 9-26-2012
 Conditions of Approval (if any): 2.5.2012

Production / Inter. Casing

7.0", 24# csg. (12.25" Hole) @ 3965'
200sxs - TOC @ 3632' by Calc.

1st Recompletion 2/18/72: D/O to 4231' and install 4.5" liner.
Perf 4164' to 4206' & acidize w/ 3000 gals. 15% HCl - R'tn to Prod.

2nd Recompletion 1/10/76: Convert to Injection; Perf 3984'-86', 90'-95',
4002'-16', 20'-22', 29'-31', 50'-60', 70'-78', 83'-88', 4100'-10', 15'-17',
19'-21', 43'-48', 50'-53' (2 jspl) Acidize w/ 2400 gals. 15% HCl

Perfs 3984'-4153'

Original TD 4175'
(OH Completion)

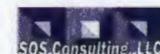
PBTD @ 4177'

Perfs 4164'-4206'

Orig PBTD @ 4220'

Production Liner

4.5", 9.5# csg. (6.75" Hole) @ 4220' w/ 50 sx Class 'A'
TOC @ 3773' (Top of Lnr.)



Drawn by: Ben Stone, 2/04/2013

SECTION 10

10.6

PLUGGED WELL SCHEMATIC

H.D. McKinley Well No.5

API 30-025-07615

610' FNL & 1980' FEL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 9/02/1948

P&A Date: 1/21/1974

Well plugged by:
Sun Oil Company

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 15 sxs
50'-0'
Spot 50 sxs
340'-150'
(9.625" Csg shoe)
292'

Spot 30 sxs
1063'-951'

7.0" Shot & Pulled @ 1031'

Plugging Mud
between cmt. plugs

P&A Marker

G.L. 3624'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 32.3# csg. (12.25" Hole) @ 292'

150 sxs ('C') - Calculated to Surface

Not reported

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|----------------------------|------------------|-----------------------------|----------------------|
| PROPOSED MODIFICATION WITH | PLUG AND ABANDON | REINFORCEMENT WORK | ALTERED CASING |
| TEMPORARILY ABANDON | CHARGE PLUGS | REINFORCED DRILLING APPL. | PLUG AND ABANDONMENT |
| PULL UP ALTER CASING | | CASING TEST AND CORRECT JAR | |
| OTHER | | OTHER | |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1102.

- 1-23-74 Move in and rig up
- 1-23-74 Circulate hole with mud laden fluid, pump 45 sack plug from 3775' Pull tubing.
- 1-23-74 Break down wall head, weld on pull nipple, shot casing @ 1031' Pull & lay down 7" casing. Rig up to run 2-3/8 tubing.
- 1-24-74 Run tubing to 1063' and pump a 30 sack plug, pull tubing to 340' and pump a 30 sack plug across 9-5/8 casing shoe. Pull tubing to 30' and pump a 15 sack top plug, rig down and move off.

Weld on cap & install permanent marker.

14. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED: *Barthelme* TITLE: P & A Division Manager DATE: 1-28-74

APPROVED BY: _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL, IF ANY:

Production (Int.) Casing

7.0", 24# csg. (8.75" Hole) @ 3112' w/ 625 sxs

TOC Calculated to Surface

TOL 2971'

3112'

Spot 45 sxs
3775-3442'

Production Liner

5.5", 15.5# csg. (6.25" Hole) @ 3830'

TOC @ Top of Liner w/ excess

Perfs 3638'-3722'

3830'

TD @ 3830'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/08/2012

PLUGGED WELL SCHEMATIC

H.D. McKinley Well No.6

API 30-025-07616

585' FNL & 585' FEL, SEC. 5-T19S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 8/09/1948

P&A Date: 1/30/1974

**Well plugged by:
Sun Oil Company**

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 5 sxs
20'-0'
Spot 45 sxs
340'-180'
(9.625" Csg shoe)

Spot 45 sxs
1049'-935'

5.5" Shot & Pulled @ 1016'

Plugging Mud
between cmt. plugs

Spot 45 sxs
3150-2900'

P&A Marker

G.L. 3620'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 32.3# csg. (12.25" Hole) @ 288'
150 sxs ('C') - Calculated to Surface
Not reported

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data | | | |
|--|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REPAIRS, WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHARGE PLUG | ☐ |
| PLUG OR ALTER CASING | ☐ | OTHER | ☐ |
| ALTERING CASING | ☐ | EXPANDED REEVALUATED SPOT | ☐ |
| PLUG AND ABANDONMENT | ☐ | CHARGE WELD AND CHARGE JOE | ☐ |
| | | OTHER | ☐ |

17. Describe Progress or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE REG. 5.100.

- 1-26-74 Move in and rig up
- 1-25-74 Run tubing to 3150', Circulate hole with mud laden fluid shut down.
- 1-26-74 Pump 45 sack plug from 3150 to 2900'. Pull tubing and weld on a 5 1/2" Full Nipple, shot casing @ 1630', 1530', 1401', 1190'. Casing would not come free. Shut down for the day.
- 1-26-74 Weld a collar on 5 1/2" casing and try to circulate free. Casing would not come free. shot casing @ 1016', pull and lay down casing. Rig up and run tubing shut down for the day.
- 1-30-74 Pump a 45 sack plug @ 1049'. Pull tubing to 340' and pump a 45 sack plug. Pull tubing and pump a 5 sack top plug. Rig down and move off.
- Weld on cap & install permanent marker.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature Richard D. Stone TITLE P & A DISTRICT MANAGER DATE January 21, 1974

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Production (Int.) Casing

5.5", 14.0# H-40 csg. (8.75" Hole) @ 3112' w/ 675 sxs
TOC Calculated to Surface

3112'

TD @ 3210'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/10/2012

PLUGGED WELL SCHEMATIC H.D. McKinley Well No.2

API 30-025-07617

1980' FSL & 660' FEL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 8/28/1930

P&A Date: 11/07/1991

Well plugged by:
Texaco E&P, Inc.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Shot Sqz perfs @ 200'
Circulate dye
& 100 sxs cement

Spotted 20 sxs
1545'-1425'

Circulated hole
w/ Gelled Brine
Prior to spotting plugs

Spotted 30 sxs
2893'-2740'

Set CIPB @ 3510'
Cap w/ 35' cmt

P&A Marker

D.F. 3611'

210'

2795'

3956'

TD @ 4175'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5" csg. (Assumed 13.75" Hole) @ 210'
175 sxs Class 'C' - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | | |
| OTHER: | ☐ | REMEDIAL WORK | ☐ |
| | | ALTERING CASING | ☐ |
| | | COMMENCE DRILLING OPER. | ☐ |
| | | PLUG AND ABANDONMENT | ☒ |
| | | CASING TEST AND CEMENT JOB | ☐ |
| | | OTHER: | ☐ |

12. Details Prepared or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE FILE 1103.
1. Notified NRECD 10-22-91.
 2. HERS w/P&A equipment. TOH w/production equipment. Starting date 10-23-91.
 3. TIR w/6 1/2" bit on workstring, tagged cmt @ 3197', drilled out cmt & CIBP from 3197'-3210', ran bit to 3860'.
 4. TOH w/WS, TIR w/7" cmt retainer on WS, set @ 3108'.
 5. Established inj rate @ 1200g, squeezed 7" csg perfs from 3167'-3236' w/100 sxs Class C cmt w/22 CaCl2, TOH w/WS.
 6. TIR w/bit, tagged cmt @ 3107', drilled out cmt & 7" retainer @ 3108', drilled out cmt to 3241', ran bit to 3856', tested csg to 3009' for 30 min, OK.
 7. Ran gamma ray correlation log from 3800' to 3500'.
 8. Perforated 7" csg w/ISPP as follows: 3574-364, 3596-3604, 3610-3616, 3638-3644, 3652, 3660, 3666-3670, 3675, 3679-3686, 3690-3713, 3727-3733, 3751-3755 (78 int 156 holes)
 9. TIR w/7" pkr, set @ 3504', acidized perfs (3574'-3755') w/4000 gals (CONTINUED ON BACK)

I hereby certify that the information shown in this well completion is the best of my knowledge and belief.

DATE: 11-08-91

ENGINEER: H.C. THURMAN

ENGINEER'S ASSISTANT: 393-7191

(This space for Date Use)

APPROVED BY: [Signature]

- (CONTINUED FROM FRONT)
- 15X NRECE & 2000# Rock Salt, max press 3100#, avg press 2450#, final 2090#, AVIR & BPH, ISIP 2250#, 15 min 1790#.
10. Set CIBP @ 3510', spotted 35' cmt on top of CIBP.
 11. Perforated 2 squeeze holes @ 200', TIR w/WS to 3350', circulated hole w/brine gel.
 12. Pulled up to 2893', spotted 30 sxs Class C cmt from 2893' to 2740', TOC @ 2740'.
 13. Pulled up to 1545', spotted 20 sxs Class C cmt from 1545' to 1425', TOC @ 1425'.
 14. TOH w/WS, pump dye down 7" csg, established circulation out perfs @ 200' up through 9" annulus. Pumped 100 sxs Class C cmt down 7" csg, circulated cmt out perfs up through 9" annulus.
 15. Cut off wellhead, installed dry hole marker, cleaned location. Completion 11-7-91.

Intermediate Casing

9.0", 24# H-40 csg. (Assumed 9.625" Hole) @ 2795'
600 sxs - Calculated to Surface

Production Casing

7.0" 24.0# csg. (Assumed 8.75" Hole) @ 3956'
200 sxs TOC 2736' Calculated

Perfs 3167'-97' (Original completion)

PBTD @ 3196' (Original)

Recomp - D/O Cmt Ret @ 3108' - Ran bit to 3860'
Set Cmt Ret @ 3108' - Sqz perfs 3167'-97' w/ 100 sxs
Perfed 3574'-3755' - Acidized
Return to Production

SOS Consulting, LLC

Drawn by: Ben Stone, 2/10/2012

PLUGGED WELL SCHEMATIC

State 'A5' Well No.2

API 30-025-07622

990' FSL & 1650' FEL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 8/29/1948

P&A Date: 8/24/1973

Well plugged by:
Continental Oil Company

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 5 sxs
20'-0"

P&A Marker

D.F. 3617'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

10.75", 32.3# csg. (13.75" Hole) @ 350'
300 sxs ('C') - Calculated to Surface
Not reported

Set Cmt Ret @ 995'
Pumped 250 gal 15% HCl
w/ 100 sxs & 3#/sx salt

7/30/1973
Located hole in casing @ 985'
Sqz'd w/ 80 sxs
Casing collapsing
~985' to 1024'
Could not get below 1039'
Plan for P&A

Workover fluids/
formation water
between cmt. plugs

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data | | | |
|--|--------------------------|---------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PROPOSED OPERATIONS | ☐ | PLUG AND ABANDON | ☐ |
| PROPOSED REPAIRS | ☐ | REWORKING HOLE | ☐ |
| PLUG OR CEMENT CEMENT | ☐ | REWORKING CEMENT | ☐ |
| OTHER | ☐ | OTHER TEST AND CEMENT JOB | ☐ |

1. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Set Cmt. Ret. at 995' and pump 250 gal 15% HCl acid and 100 sxs. Close 6" test, w/ 80 sxs salt for 5 d. Set 20' surface plug in top of 5 1/2" log. Installed P&A marker and redacted location. No log was measured. Well put in of July 31, 1973

APPROVED BY: John W. Rayman TITLE: Admin. Supervisor DATE: 8-24-73
CONDITIONAL APPROVAL, IF ANY: _____
INDEC-4 FILE

Production (Int.) Casing

5.5", 14.0# H-40 csg. (8.75" Hole) @ 4282' w/ 650 sxs
TOC Calculated to Surface - Not reported

1st Recomp - CIBP @ 4100' - Shoot GRBG Perfs 3956'-4020'

2nd Recomp - Sqz GRBG Perfs w/ 137 sxs
thru PKR @ 3756' - D/O CIBP @ 4100'
Perf 4030'-4044' and 4124'-4180'
and 4124'-4180'

SA Perfs 4180'-4216' (Orig. Comp.)
Remedial - Spot 20 sx plug 4252'-4206'
Acidize - Return to Production

4282'

PBTD @ 4252'

TD @ 4283'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/12/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Unit Well No.12**

API 30-025-07625

330' FNL & 330' FWL, SEC. 5-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 8/16/1930

TA'd Date: 9/17/1992

P&A Date: 12/24/1997

Well plugged by:
Altura Energy, Inc.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spotted 45 sxs
 244'-0'

185'
 Circulated hole
 w/ Mud Ladened Fluid
 Prior to spotting plugs

Spotted 30 sxs
 1778'-1578'

Replaced 1701' Prod Csg
 w/ Pack-off Overshot seal

Spotted 30 sxs
 2608'-2397'

Spotted 30 sxs
 3566'-3341'

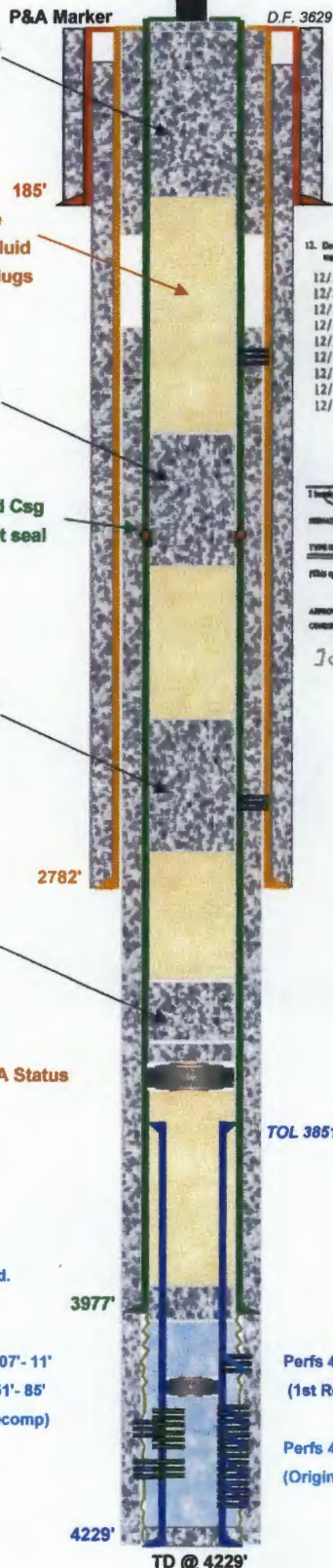
CIBP @ 3757'
 Cap w/ 3 sx for 1992 TA Status

> 2nd REPAIR / RECOMPLETE 9/18/1985 <

Set Cmt Ret @ 3984' - Sqz'd w/ 300' sxs
 reversed out 72 sxs. D/O to 4190' & press test.
 Perfed 4107'-11' & 4151'-85'. Acidize / Rtn to Prod.

Perfs 4107'- 11'
 and 4151'- 85'
 (2nd Recomp)

Perfs 4080'- 4110'
 and 4150'- 85'
 (3rd Recomp - 12/21/89)



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

16.0", 70# Csg. (Assumed 19.75" Hole) @ 185'
 75 sxs Oilwell Special - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

12. Details Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work) SEE PAGE 1109.

12/22/97 MOVE IN RD P&A EQUIPMENT.
 12/22/97 WUDOP RTH W/2-3/8" WS TAG CMT @ 3566'.
 12/22/97 CIRC HOLE W/120 REELS HLF.
 12/22/97 SPOT 30 SXS CLASS "C" CMT FROM 3566-3341.
 12/22/97 SPOT 30 SXS CMT FROM 2608-2397.
 12/24/97 SPOT 30 SXS CMT FROM 1778-1578.
 12/24/97 SPOT 45 SXS CMT FROM 244-SURFACE.
 12/24/97 RD P&A EQUIPMENT.
 12/30/97 INSTALL DRY HOLE MARKER.

I hereby certify that the information shown is true and correct to the best of my knowledge and belief.

Signature: Milton Mathewlin TITLE: P&A SUPERVISOR DATE: 12/24/97
 TYPE OF PRINT NAME: MILTON MATHEWLIN TELEPHONE NO.:

(This space for Date Only)

APPROVED BY: [Signature] TITLE: Field Eng DATE: 7-18-00
 CHECKED BY: [Signature]

Intermediate Casing

10.75", 45.5# csg. (Assumed 13.75" Hole) @ 2782'
 350 sxs Oilwell Special - TOC Calculated to 1909,

> 1st REPAIR / RECOMPLETE 6/03/1985 <

Set RBP @ 3803' w/ 10' sand cap
 Shot Sqz perfs @ 2500'-01' sqz'd w/ 500 sxs CIs 'H'
 w/ 3# salt/sx - Circulated 50 sxs w/ PKR @ 2192'
 Shot Sqz perfs @ 500' sqz'd w/ 250 sxs CIs 'H'
 w/ PKR @ 207' - TOC @ 150' by Temp
 D/O and reset PKR additional 3 times
 w/ 300 sxs additional. D/O to 2500' and press test.
 Circ sand off RBP - set PKR @ 4053' & press test OK.
 Perf 4062'-66', acidize and rtn to production.

Production Casing

7.0" 24.0# csg. (Assumed 8.75" Hole) @ 1701'
 6.625" 24.0# Csg 1701' to 3977'
 150 sxs El Toro cmt TOC 1394' Calculated
 Cut & pulled 1701' of 6.625"
 Replaced w/ 1701' of 7.0"

Production Liner (run 10/12/78)

4.0" 24.0# Csg @ 4229' (TOL 3851')
 6.625" 24.0# Csg 1701' to 3977'

Perfs 4062'-66'
 (1st Recomp)

Perfs 4100'- 4232'
 (Original comp)

SOS Consulting, LLC

Drawn by: Ben Stone, 2/13/2012

PLUGGED WELL SCHEMATIC

H.D. McKinley Well No.8

API 30-025-07626

660' FNL & 660' FWL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/22/1948

TA'd Date: 7/05/1997

P&A Date: 5/20/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 75 sxs
464'-0'
(9.625" Csg shoe)

Shot Sqz Holes 400'
Held 750 psi - OCD O.K.

Spot 30 sxs
1624'-1427'

Plugging Mud
between cmt. plugs

Spot 30 sxs
3123-2926'

CIBP @ 3123'
(Set for 1997 TA Status)

Formation fluids

P&A Marker

R.D.B. 3640'

350'

3179'

TD @ 3251'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 32.3# csg. (12.125" Hole) @ 350'
200 sxs Howco Plug - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | |
|---|-------------------------------------|
| NOTICE OF INTENTION TO: | |
| PERFORM REMEDIAL WORK | ☐ |
| PERMANENTLY ABANDON | ☐ |
| PULL OR ALTER CASING | ☐ |
| OTHER: | ☐ |
| SUBSEQUENT REPORT OF: | |
| PLUG AND ABANDON | ☐ |
| CHANGE PLANS | ☐ |
| REMEDIAL WORK | ☐ |
| COMMENCE DRILLING OPER. | ☐ |
| CASING TEST AND CEMENT JOB | ☐ |
| ALTERING CASING | ☐ |
| PLUG AND ABANDONMENT | ☒ |
| OTHER | ☐ |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of shutting any proposed well. SEE RULE 11-03)

TD 3251' 9.58" @ 350' Csg. @ 54" 3179' TOC @ 625' Perfs 3173'-3179' CIBP @ 3123'

5-1-00 Tag casing CIBP @ 3123' Csg. well w/ M.L.P. Spot 30 sxs of cement @ 3123'-2926' Spot 30 sxs of cement @ 2889'-2489'

Spot 30 sxs of cement @ 1624'-1427'

5-2-00 Perf @ 480' Test to 750 psi. Mostly Gassy Water. Spot 75 sxs of cement 464'-surface

Cut off wellhead & anchors 4" BGL. Cap well. Install dry hole marker, 4' under ground.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Robert Gillett TITLE: SR. Eng. Tech DATE: 5-20-03

TYPE OF PRINT NAME: Robert Gillett TELEPHONE NO: 397-8206

(This space for State Use)

APPROVED BY: Harry W. Wink TITLE: OC FIELD REPRESENTATIVE (S/STAFF MANAGER) DATE: MAY 21 2003

COPIES OF APPROVAL, IF ANY

Production Casing

6.625", 24.0# csg. (8.75" Hole) @ 3179' w/ 800 sxs
Calculated to Surface - Not Reported
Plugging record shows TOC @ 650'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/13/2012

PLUGGED WELL SCHEMATIC

H.D. McKinley Well No.12

API 30-025-07627

660' FNL & 2310' FWL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/09/1948

TA'd Date: 6/07/1991

P&A Date: 5/09/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 10 sxs
60'-0'

Shot Sqz Holes 500'
Sqz'd w/ 240 sxs
(Lost Circ. - Tagged @ 68')

Spot 25 sxs
1612'-1365'

Plugging Mud
between cmt. plugs

Spot 25 sxs
3090'-2834'

CIBP @ 3090' w/ 1 sx sand
(Set for 1991 TA Status)

Formation & workover fluids

P&A Marker

R.D.B. 3630'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 32.3# H-40 csg. (12.5" Hole) @ 451'
300 sxs Howco Plug - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

PLUS ADD ADDITION

PERMANENT WORK

ALTERING CASING

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPER.

PLUG AND ABANDONMENT ☒

PULL OR FILTER CASING

OTHER:

CASING TEST AND CEMENT JOB

OTHER:

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work) SEE RULE 1100
TD 3210' 9 58" @ 450' Circ. 5 1/2" 3140' TOC @ 885' ON 3140'-3210' CIBP @ 3090'

5-7-00 Tag existing CIBP @ 3090' Circ. well w/ M.L.F. Spot 25 sxs of cement 3080'-2834' Spot 25 sxs of cement 2700'-2450'
Spot 25 sxs of cement 1612'-1365'

5-8-00 Plug @ 500' Pumped 240 sxs of cement, lost circulation. Tagged @ 68'
5-8-00 Spot 10 at surface plug 60'-surface

Cut off weathered and anchor 4" BGL. Cap well. Install dry hole marker 4" underground.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE *Robert Gilbert*

TITLE *St. Eugene Tech*

DATE *5-13-03*

TYPE OF PRINT NAME *Robert Gilbert*

TELEPHONE NO.

APPROVED BY *Harvey W. Wink*

OC FIELD REPRESENTATIVE R/STAFF MANAGER

DATE *AUG 07 2003*

CONDITIONS OF APPROVAL, IF ANY

Production Casing

5.5", 14.0 & 15.5# J-55 csg. (Assumed 7.875" Hole) @ 3
1000 sxs Howco Plug - TOC @ 950' by Temp

TD @ 3216'

Openhole 3140'-3216'

3140'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/14/2012

PLUGGED WELL SCHEMATIC

H.D. McKinley Well No.19

API 30-025-07628

1650' FNL & 660' FWL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 6/22/1948

TA'd Date: 6/07/1991

P&A Date: 5/06/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

R.D.B. 3630'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Shot Sqz Holes 425'
Circ. w/ 130 sxs to Surface
453'

Surface Casing

9.625", 32.3# H-40 csg. (12.25" Hole) @ 453'
275 sxs - Circulated to Surface

Spot 25 sxs
1612'-1365'

Plugging Mud
between cmt. plugs

Spot 25 sxs
2705'-2458'

Spot 25 sxs
3080'-2833'

CIBP @ 3080' w/ 7' 20/40 sand
(Set for 1991 TA Status)

3160'

Formation & workover fluids

Openhole 3160'-3244'

TD @ 3244'

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
|---|--------------------------|------------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGED PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | COMMENCE DRILLING OPERATIONS | ☐ |
| OTHER: | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| | | PLUS AND ABANDONMENT | ☒ |
| | | OTHER: | ☐ |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE P&A 1105

TD 3244' @ 3160' @ 453' Circ. 5 1/2" 3160' TOC @ 425' CH 3160'-3244' CIBP @ 3080'

5-6-03 Tag Exceeding CIBP @ 3080' Circ. well w/ M.L.F. Spot 25 sxs of cement 3080'-2833' Spot 25 sxs of cement 2705'-2458'

Spot 25 sxs of cement 1612'-1365'

5-6-03 Part @ 425' Circ. 130 sxs of cement down 8 1/2" up annulus to surface.

Out of wellhead and anchors 4 BGL. Cap well. Install dry hole marker, 4' under ground.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature: Robert G. Leont TITLE: SR. Geos. Tech. DATE: 05-06-03

Typed Name: Robert G. Leont TELEPHONE NO: 397-8206

Other Name: Steve W. Leont OC FIELD REPRESENTATIVE / STAFF MANAGER

APPROVED BY: Steve W. Leont TITLE: SR. Geos. Tech. DATE: AUG 07 2003

Production Casing

5.5", 14.0 & 15.5# J-55 csg. (Assumed 8.75" Hole) @ 31
1200 sxs - TOC @ 425' by Temp

SOS Consulting, LLC

Drawn by: Ben Stone, 2/14/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.28

API 30-025-07630

1980' FNL & 1980' FWL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/30/1930

P&A Date: 12/02/1986

Well plugged by:
Amoco Production Co.

Steel plate 4' below street level (no marker) D.F. 3624'

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Cellar filled
w/ 38 sxs

Circ. 22 sxs to Surf.

Sqz Perfs 200'-01'
Estb rate w/ 10# Brine
Follow w/ 400 sxs
(Unable to Circulate)
Tagged @ 115'

1600'-1350'
50 sxs

2975'-2715'
50 sxs

10# Brine
between cmt. plugs

Cmt Ret @ 3749' for P&A
Pump 160 sxs
(4# Tuff Plug/sx)
to abandon all perfs
(R/O 66 sxs)

5th Completion
Sqz & Re-Perf 4th Intervals

Perfs 3966'-88'
4079'-91', 4105'-15'
4128'-74' (4th Comp)

Sqz'd Perfs 4150'-64'
w/ 100 sxs (R/O 45 sxs)

Sqz'd Openhole
w/ 150 sxs

TD @4226'

Surface Sqz'd 9.625"/13.0"
w/ 100 sxs

Surface Casing
13.0", 40# csg. (Assumed 17.5" Hole) @ 212'
150 sxs Oilwell Special - TOC @ 7' - Calculated

Sqz Perfs 249'
Sqz's w/ 500 sxs
(Remedial - 10/08/81)

Intermediate Casing
9.625", 40# csg. (Assumed 12.25" Hole) @ 2711'
300 sxs Oilwell Special - TOC @ 50' Calculated

Sqz Perfs 1000'
Sqz's w/ 500 sxs

Sqz Perfs 1580'
Sqz's w/ 400 sxs
(Remedial - 10/08/81)

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

| | | | |
|---------------------------|------------------|----------------|---------------------|
| REPAIRS TO EXISTING WELLS | PLUG AND ABANDON | REPAIRS TO NEW | REPAIRS TO EXISTING |
| REPAIRS TO EXISTING WELLS | PLUG AND ABANDON | REPAIRS TO NEW | REPAIRS TO EXISTING |
| REPAIRS TO EXISTING WELLS | PLUG AND ABANDON | REPAIRS TO NEW | REPAIRS TO EXISTING |

1. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

MIRU-SU 12-2-86. Pump 10 bbl water down tubing and 50 bbls down casing. Install BOP. P&A w/production equip. R/W w/Howco 6-5/8" cement retainer and set at 3749. Cement w/100 sacks Class C neat and 60 sacks Class C. 40 per sack Tuff plug. Disp w/1/4 bw. Squeeze pressure 450#. P out of tool and dump 2 sacks. 35 sacks below tool and 57 sacks in formation. Reverse out 66 sacks. Disp hole 125 bbls 10# brine water. R/W 2-3/8" tbg open ended to 2975 ft and spot 50 sack Class C neat plug. Pull up to 1600 ft and spot 50 sack Class C neat plug. Perf 200-201 4 SPF. Pump 10 bbl 10# brine gel at 3 BPM. 1/4 bbl return out 13" casing. Cement 400 sacks Class C neat. Unable to circulate cement. Disp 4-1/2 bw. Tag at 115 ft. Circulate hole w/22 sacks Class C neat. Cut off casing and wellhead. Install plate and 1" ball valve approx 4 ft below surface. Fill cellar w/30 sacks Class C cement. R/O-SU 12-5-86.

Steve Brownlee Admin. Analyst 12-16-86

Oil & Gas Inspector 12-16-86

Production / Inter. Casing

6.625", 24# csg. (Assumed 8.0" Hole) @ 3950' w/ 150 sxs
TOC @ 3078' by Calc.

Production Liner

4.5", 9.5# J-55 csg. (Assumed 6.25" Hole) @ 4183'
w/ 150 sx Class 'A' - TOC @ 3854' (Top of Lnr.)

Perfs 4115'-28' (3rd Comp)
Set CIBP @4140' for 3rd Comp
Perfs 4150'-64' (2nd Comp)
PBTD @4178'
Openhole Perfs 4186'-4208'
(Original Completion)

SOS Consulting, LLC

Drawn by: Ben Stone, 2/14/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.41

API 30-025-20933

2310' FSL & 460' FEL, SEC. 5-T19S-R38E
LEA COUNTY, NEW MEXICO

Well plugged by:
Altura Energy, LTD

Spud Date: 7/10/1964
Convert to Inj.: 3/13/1985
TA Status Dt: 5/07/1998
P&A Date: 11/23/1999

<PLUGGING ITEMS LISTED LEFT>
PLUGS:

Sqz w/ Cmt to Surf.
& Leave Hole Full

Sqz Perfs 400'

419'

Circ. Hole w/
Plugging Mud

Cap CICR w/ 25 sx

Sqz Perfs 1500'
Sqz w/ 50 sx
thru CICR @ 1450'

Spot 70 sx
3200' to 2200'

Spot 25 sx
3950' to 3850'

Cap PKR w/ ~35' Sand
(Well was TA'd w/ PKR in Hole)

Formation Fluids

P&A Marker

D.F. 3622'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

10.45", 32.75# Csg (13.375" Hole) @ 419'
150 sx Class 'C' Neat - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

Submit 3 Copies
to Appropriate
State or Other
Authority

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 Paceside St.
Santa Fe, NM 87505

WELL API NO: 30-025-20933
1. Indicate Type of Lease: STATE ☒ PER ☒
2. Lease C&A Case Lease No: _____
3. Lease Name or User Agreement Name: South Hobbs (GSA) Unit
4. Well No: _____
5. Well Name: _____
6. Well Owner or Wellhead: Altura Energy, LTD
7. Well Location: _____
8. Well Depth: _____
9. Well Status: _____
10. Well Completion: _____
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERED CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLUGS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐
FULL OR ALTER CASING ☐ CASING TEST AND CEMENT ☐ OTHER ☐
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1102.
Subject well plugged and abandoned as described on the attached.
1. RUN 1" T&M TO TOP OF PACKER CAPTURED IN BARELY ABOVE NEW 25 KICK OR 50' CMT PERFS AT 2200'
2. SPOT 70 CMT 1500' TO 2200' LAUNCH TO 2200' T&M CMT TRIP
3. PERFORATE 4" AT 1500' RUN CMT TO 2540' RUN 600 KICK CMT, CAP-CICR W/ 55 KICK CMT
4. PERFORATE 4" AT 400' AND CIRCULATE CMT BETWEEN 4.5" IN TS TO SURFACE
5. SPOT CMT 2500' AND THE SURFACE BENEATH 4.5"
6. INSTALL P&A MARKER

I hereby certify that the information above is true and complete to the best of my knowledge indicated
Signature: *Mark Stephens* Date: *11/23/99*
Title: *Business Development*
Official Use Only
Signature: *Billy R. ...* Date: _____
Comments or Remarks, if any

SC GWW

6 dp

Production Casing

4.5", 9.5# Csg. (6.75" Hole) @ 4088'
200 sx Class 'C' - TOC @ 2906' by CBL

Remedial Sqz During Initial Completion

Perf @ 4050'-54' and 3942' & 3947'; Sqz w/ 100 sx Class 'A'

Recomp 9/12/79: Deepen to 4232'

Acidize w/ 5000 gals. 15% NEA

Convert to Injection: 3/13/85

Openhole 4088' to 4200'

Acidize w/ 3000 gals. 15% NEA

Orig. TD @ 4200'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/13/2013

DTD @ 4232'

PLUGGED WELL SCHEMATIC

O.O. Bradley Well No.2

API 30-025-07636

330' FNL & 480' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 2/17/1948

P&A Date: 10/20/1975

Well plugged by:
Atlantic Richfield Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

D.F. 3636'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 10 sxs
75'-0'

Surface Casing

8.625", 32.0# H-40 csg. (12.25" Hole) @ 490'
250 sxs - Circulated to Surface

490'

<P&A SUBSEQUENT SUNDRY>

TE

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|----------------------|------------------|--------------------------------|----------------------|
| REPORT TO OPERATOR | PLUG AND ABANDON | REPAIR OR WORK | ALTERED CEMENT |
| TEMPORARILY ABANDON | CONDUIT PLUG | CONDUIT DRILLING OPER. | PLUG AND ABANDONMENT |
| WELL OR OTHER CASING | OTHER | ABANDON TUBING AND CASING JOBS | OTHER |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work) SEE Rule 8-112b.

On 10/18/75 rigged up & pulled rods & pump. Installed BOP & pulled 2-3/8" OD tbg. WIR w/5 1/2" CIBP on WL to 3123'. WIR w/2-3/8" tbg & spotted 10 sx C1 C cmt on top of CIBP @ 3123'. Displaced hole w/heavy gelled mud. Spotted 12 sx C1 C cmt in 5 1/2" csg across top of salt @ 1800'. Pulled up hole & spotted 30 sx C1 C cmt @ surface. Installed regulation dry hole marker, cleaned & levelled location. P&A off 10/18/75. Final Report.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

WITNESSED BY: *[Signature]* TITLE: Dist. Dir. Supv. DATE: 10/20/75
APPROVED BY: *[Signature]* TITLE: DATE: 10/20/75
CONDITIONS APPROVAL, IF ANY:

Spot 12 sxs
1600'-1510'

Heavy Gelled Mud
between cmt. plugs

CIBP @ 3123' w/ 10 sxs
(fill to 3050')

3200'

Formation & workover fluids

Openhole 3200'-3273'

TD @ 3273'

Production Casing

5.5", 15.5# J-55 csg. (7.875" Hole) @ 3200' w/ 800 sxs
Calculated to surface - Not reported.

SOS Consulting, LLC

Drawn by: Ben Stone, 2/20/2012

PLUGGED WELL SCHEMATIC

O.O. Bradley Well No.3

API 30-025-07637

330' FNL & 1650' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/08/1948
P&A Date: 10/17/1975

Well plugged by:
Atlantic Richfield Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 10 sxs
75'-0'

P&A Marker

D.F. 3637'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 32.0# H-40 csg. (12.25" Hole) @ 313'
250 sxs - Circulated to Surface

490'

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|---------------------------|------------------|------------------|------------------|
| DEVELOPMENT REQUIRED WITH | PLUG AND ABANDON | REWORKING Casing | ALTERED Casing |
| REWORKING Casing | REWORKING Casing | REWORKING Casing | REWORKING Casing |
| REWORKING Casing | REWORKING Casing | REWORKING Casing | REWORKING Casing |
| REWORKING Casing | REWORKING Casing | REWORKING Casing | REWORKING Casing |

13. Operation Performed in Conventional Operations (Clearly state all pertinent details, and give pertinent data, including assumed date of starting any proposed work) SEE REG. 100.

- On 10/17/75 rigged up, pulled rods & tag, installed SOP.
- WIB w/54" CIBP on U.L. set @ 3125'. RIN w/2-3/8" tag & spotted 10 ex C1 C cut, 71' on top of SP.
- Spotted heavy gelled mud between all cut plugs.
- Spotted 12 ex C1 C cut in 3 1/2" OD csg (100' plug) across top of salt @ 1608'.
- Spotted 10 ex C1 C cut @ surface.
- Installed regulation dry hole marker, cleaned & leveled location. Your office to be notified when location is ready for final inspection.

14. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

DATE 11/8/75
TITLE Dist. Dir. Supv.
OFFICER BY [Signature] TITLE Dist. Dir. Supv. DATE 11/8/75
CONSULTANT APPROVAL, IF ANY:

Spot 12 sxs
1600'~1500'

Heavy Gelled Mud
between cmt. plugs

CIBP @ 3125' w/ 10 sxs
(fill to 3054')

Formation & workover fluids

3238'

Perfs 3226'-36'

Openhole 3238'-3277'

TD @ 3277'

Production Casing

5.5", 15.5# J-55 csg. (7.875" Hole) @ 3238'
800 sxs - Calculated to surface - Not reported.

SOS Consulting, LLC

Drawn by: Ben Stone, 2/20/2012

PLUGGED WELL SCHEMATIC

O.O. Bradley Well No.4

API 30-025-07638

1650' FNL & 330' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/24/1948

P&A Date: 10/15/1975

Well plugged by:
Atlantic Richfield Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

D.F. 3638'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 10 sxs
75'-0'

Surface Casing

8.625", 32.0# H-40 csg. (12.25" Hole) @ 302'
250 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

15.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|-----------------------------|------------------|-----------------------------|----------------------|
| PROPOSED MODIFICATION, WORK | PLUG AND ABANDON | REWORKED WELL | ALTERED CASING |
| TEMPORARILY ABANDON | EXPANDED PLUGS | REWORKED EXISTING OPER. | PLUG AND ABANDONMENT |
| WELL TO BE PLUGGED | OTHER | REWORK TEST AND RESTART JOB | |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE REG. 8.1 (17).

On 10/14/75 rigged up & pulled completion assembly. Installed BOP. Ran 5 1/2" CIBP to set @ 3119'. W/L w/ tbg & spotted 10 sx Cl C cnt on top of BP. Spotted heavy gelled mud between all plugs. Spotted 12 sx Cl C cnt inside 5 1/2" csg across top of salt @ 1600'. Spotted 10 sx Cl C cnt @ surface. Installed regulation dry hole marker. Cleaned & leveled location. Well B&A 10/15/75. Final Report.

18. I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

WELL: *Le Roy Knott* TITLE: Dist. Dir. Supt. DATE: 10/17/75
APPROVED BY: *John W. Ferguson* TITLE: DATE: 10/17/75
CONDITIONS OF APPROVAL, IF ANY:

Spot 12 sxs
1600'-1510'

Heavy Gelled Mud
between cmt. plugs

CIBP @ 3119' w/ 10 sxs
(fill to 3044')

3237'

Perfs 3219'-35

Formation fluids

Openhole 3237'-3270'

TD @ 3270'

Production Casing

5.5", 15.5# J-55 csg. (7.875" Hole) @ 3237' w/ 800 sxs
Calculated to surface - Not reported.

SOS Consulting, LLC

Drawn by: Ben Stone, 2/20/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.113

API 30-025-07639

1650' FNL & 1650' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 4/09/1948
Convert to Inj: 4/21/1981
TA'd Date: 11/24/1997
P&A Date: 10/20/2002

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.L. 3625'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot Cement
450'-0'

Sqz perms 450'
Circulate Cmt to Surface

Spot 12 sxs
1725'-1475'

Gelled Mud
between cmt. plugs

Spot Cement
from 3975'-2675'

Surface Casing

8.625", 32.0# H-40 csg. (12.25" Hole) @ 321'
250 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| | | | |
|---|--------------------------|-----------------------|-------------------------------------|
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other P&A Item | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| COMMENCE DRILLING OPER. | ☐ | PLUG & ABANDONMENT | ☒ |
| CASING TEST AND CEMENT JOB | ☐ | OTHER | ☐ |

12. Describe Payment or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of running any proposed work) SEE RULE 118.

Notify the NMOC 24 hr before job. (393-6161)

11/11/02. Spot cement from 1725' to 1475'. 4" liner from 3042' to 4112'. 4" CTSP @ 3795'. Box of sxs @ 2200'.

Spot cement from 1725' to 1475'. TOC of 5.5" csg @ 1240' (CBL)

Spot cement from 1725' to 1475'. Top of salt @ 1600'

Perforate up hole @ 1600'

Clear csg to surface.

Remove BOP.

Spot cement from 450' to surface. Bottom of 8.58" csg @ 321'.

Cut off wellhead and install dry hole marker.

RDPU. Clean Location.

Rig Up Date: 10/15/2002

Rig Down Date: 10/16/2002

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

SIGNATURE: *Robert Gilbert* TITLE: SR. ENGR. TECH. DATE: 10/20/2002

TYPE OR PRINT NAME: ROBERT GILBERT TELEPHONE NO.: 505/977-8206

APPROVED BY: *Harry W. Wink* DATE: _____

CONDITIONS OF APPROVAL: ANY: _____

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

OCT 12 2005

Production Casing

5.5", 15.5# J-55 csg. (7.875" Hole) @ 3279'
800 sxs - Calculated to surface - Not reported.

TOL 3042'

Production Liner

4.0", 11.6# Hydril Pipe (7.875" Hole) @ 4112'
155 sxs - Calculated to surface - Not reported.

CICR @ 3795' for 1997 TA Status

Remedial - Set CICR @ 3706' & Sqz w/
150 sxs (95 sxs in formation - R/O remaining)
D/O Cement & Retainer - Circulate hole clean;
Return to Injection (7/15/85)

4th Comp (Repair) - Set CICR @ 4112'
Sqz w/ 617 sxs - Set CICR @ 3770' & Sqz w/
300 sxs - D/O to 4100'; Perf 4010'-87'
Set PKR @ 3910' - Return to Injection.

2nd Comp - Set CICR @ 3285' & Spot 70 sxs

D/O to 4138' - Perf 4028'-40' and 4060'-4100'

Original Comp - Perfs 3988', 4017', 23', 44' and 87'

3rd Comp (Inj.) - Set CICR @ 4104' & Sqz w/ 325 sxs

D/O to 4175' - Set CICR @ 4106' & Sqz w/ 100 sxs

D/O to 4240' - Spot 17 sxs; Set CICR @ 4207'

Sqz w/ 100 sxs; D/O to 4243'

Openhole Perfs 4132'-40'

Openhole 4112'-4175'

TD @ 4175' - D/O to 4243'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.10

API 30-025-07640

480' FNL & 1650' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 6/10/1948
Convert to Inj.: 3/03/1986
TA Date: 5/10/2002
P&A Date: 9/03/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

D.F. 3638'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 45 sxs
412'-0'

Surface Casing

13.375", 36.0# csg. (17.5" Hole) @ 362'
250 sxs - Circulated to Surface

362'

Sqz'd leak @ 370' w/ 400 sxs

Cement to Surface
(May 1968)

Plugging Mud
between cmt. plugs

Perf @ 1650' - pressure to
2000' psi & held.
Spot 35 sxs 1704'-1500' (Tagged)

<P&A SUBSEQUENT SUNDRY>

| | |
|--|---|
| 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data | |
| NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE ☐
COMPLETION ☐ OTHER: ☐ | SUBSEQUENT REPORT ON:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPHS ☐ PLUG AND ABANDON ☐
CASING TEST AND CEMENT JOB ☐ OTHER: ☐ |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions, a separate report shall be submitted for each completion. Liability under bond is retained until surface restoration is completed.

9-1-04 Set CIBP @ 3980'

9-2-04 Circulate well w/ plugging mud. Spot 20 sxs of C cement on top of CIBP, set top of cement 3703'.
Perf @ 2690' Pressure up on perf to 2600 psi-hold. Covered w/ 30 sxs of cement @ 2740'. Tagged TOC @ 2571'

9-3-04 Perf @ 1650' Pressured up on perf to 2000 psi-hold. Spot 35 sxs of cement @ 1704', pressured up on perf. Tagged @ 1500'. Spot 45 sxs of cement 412'-surface. POB & rebit w/ cement

Cap off wellhead & anchors 3" BGL. Cap well. Install dry hole marker.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or leak-
grade leak has been sealed by cement or other means according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OC D-approved plan ☐

SIGNATURE: *[Signature]* TITLE: Agent DATE: 9/15/04

Type or print name: Jack Shethon
(This space for State use)

E-mail address: jshethon@hayenergy.com

Telephone No 432-423-5155

OC FIELD REPRESENTATIVE / STAFF MANAGER

APPROVED BY: *[Signature]* TITLE: DATE: NOV 2 2004

Conditions of approval, if any

Remedial (10/21/82)

Sqz'd openhole interval w/
250 sxs - C/CR @ 4085'
D/O to 4237'

Production Casing

5.5", 15.5# J-55 csg. (7.875" Hole) @ 4095'
1250 sxs - Calculated to surface - Not reported.

CIBP @ 3980' (Set for 2002 TA Status)
Cap w/ 20 sxs (Est. fill to 3703')

3rd Recomp - Convert to Injection
PB to 4008' w/ sand Sqz thru C/CR @ 3864'
C/O to 4083', acidize, set PKR @ 3915'
Begin Injection thru Original Perfs

Formation & workover fluids

2nd Recomp.

Perfs 3972'-4002', 4016'-26' and 4046'-50'

GRBG Perfs 3980'-4024'

Plus OH to 4101' (1st Recomp.)

SA Perfs 4040'-74'

Openhole 4095'-4237' (Original Completion)

PBTD @ 4083'

TD @ 4237'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.115

API 30-025-07642

2310' FSL & 330' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 6/13/1952

Convert to Inj.: 3/28/1981

TA Date: 11/24/1997

P&A Date: 9/12/2002

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot Cement
60'-0'

Spot Cement
435'-275'

Spot 25 sxs
1675'-1525'

Plugging Mud
between cmt. plugs

Spot 25 sxs
2675'-2525'

CIBP @ 3990'
Cap w/ Cmt - Tag @ 3960'

3rd Recomp - CIBP @ 3937'
Sqz existing perms w/ 150 sxs
D/O to 4100' & Perf 4012'-82'
Acidize & return to Injection (2/15/86)

P&A Marker

R.T. 3631'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 28.0# csg. (11" Hole) @ 360'
300 sxs Howco - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| | | | |
|---|--------------------------|----------------------------|-------------------------------------|
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| | | REMEDIAL WORK | ☐ |
| | | ALTERING CASING | ☐ |
| | | COMMENT'S DRILLING OPS | ☐ |
| | | CASING TEST AND CEMENT JOB | ☐ |
| | | PLUG & ABANDONMENT | ☒ |
| | | OTHER | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103

NOTIFY THE NMOCD (34 hrs) BEFORE BIG UP (393-4161)

SET 3.5" CIBP @ 3990' TOP PERF @ 3995' INJECTION PKR WAS SET @ 3990'
CAP CIBP W/ 15' CMT. TAG CMT @ 3960'.
SPOT MUD GEL FROM 3960' TO 2650' BOT OF ANHY @ 3660'.
SPOT 25 SXS CMT @ 2675' TO 2525'.
SPOT MUD GEL FROM 2525' TO 1675'.
SPOT 25 SXS CMT @ 1675' TO 1525'. TOP OF ANHY @ 1400'.
SPOT MUD GEL FROM 1525' TO 435'.
SPOT CMT FROM 435' TO 275'. TAG CMT. BOT OF 8-5/8" CSG SHOUL @ 360'.
SPOT MUD GEL FROM 275' TO 60'.
SPOT CMT FROM 60' TO SURFACE. Well is P&A'd.

Rig Up Date: 08-28-2002
Rig Down Date: 09-12-2002

** CUT OFF WELLHEAD AND CASING. INSTALL 4" DRY HOLE MARKER WITH LEGAL INFORMATION.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Gilbert TITLE SR. ENGINEER DATE 09/12/2002
TYPE OR PRINT NAME Robert Gilbert TELEPHONE NO. 505-997-6296

(This space for State Use)

APPROVED BY Johnny Robinson TITLE SR. ENGINEER DATE JAN 15 2003
CONDITIONS OF APPROVAL IF ANY

GWW

Set CIBP @ 2810' Cap w/ 20' sand
Perf @ 2400' & Sqz w/ 700 sxs
Perf @ 2260' & Sqz w/ 600 sxs
D/O to 4250' and perforate (1st Recomp)
Commence Injection (3/28/81)

2nd Recomp (remedial work) - Spot 900'
sand w/ CalSeal cap - Tag @ 4180'
Set CIBP @ 3955' and Sqz perms
w/ 700 sxs - Test & ReSqz w/ 100 sxs
Circ/out 60 sxs - D/O & C/O to 4250'.
Return to Injection 4144'-4240' (12/28/82)
Perfs 4020'-70' (Original Comp)

Production Casing

5.5", 17.0# csg. (7.875" Hole) @ 4242'
700 sxs Howco - Calculated to surface - Not reported.

1st Recomp.
Perfs 4144'-4228'
and 4238'-40'

4242'

TD @ 4250'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/26/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.117

API 30-025-07643

990' FSL & 330' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 4/30/1953
Convert to Inj.: 1/24/1986
Well TA'd: 11/25/1997
P&A Date: 9/15/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.L. 3607'

<EXISTING ITEMS LISTED RIGHT>

PLUGS:

Sqz Perfs @330'
Sqz'd w/ 135 sxs
Circulate to Surface

Sqz Perfs @1640'
Sqz'd w/ 40 sxs
Tagged @ 1521'

Plugging Mud
between plugs

Sqz Perfs @ 2700'
Sqz'd w/ 45 sxs
Tagged @ 2579'

Spot 30 sxs
3950'-3775'

CIBP @ 3950'

Formation Fluids

280'

4050'

TD @ 4154'

Openhole 4050'-4154'

Surface Casing

9.625" 40#, H-40 csg. (12" Hole) @ 280'
300 sx Howco - Calc. to Surface - Not reported

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|--|---|--|
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPNS. ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPLETION ☐ | CASING TEST AND CEMENT JOB ☐ | OTHER ☐ |
| OTHER: ☐ | | OTHER: ☐ | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/14/04 Set CIBP @ 3950' Tag CIBP w/ csg. Circ. well w/ plugging mud. Spot 30 sxs of cement 3950'-3775'.
Perf @ 2700' Sqz'd 45 sxs under a packer @ 1 1/2" open 1588 psi. Tagged TOC @ 2579'

9/15/04 Perf @ 1640' Sqz'd 40 sxs under a packer @ 1 1/2" open 1588 psi. Tagged TOC @ 1521'
Perf @ 330' Circ 135 sxs of cement up annulus to surface.

Cut off wellhead & anchors 3' BGL. Cap well. Install dry hole marker.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or bottom-hole water has been used in accordance with or exempted from the provisions of the general permit ☐ or an alternative UICB-approved plan ☐.

SIGNATURE: *Jack Shellen* TITLE: Agent DATE: 6/21/04

Type or print name: Jack Shellen E-mail address: jshellen@oceanenergy.com Telephone No: 432-823-8758

(This space for State use)

APPROVED BY: *Hayden Link* TITLE: OC FIELD REPRESENTATIVE/STATE MANAGER DATE: NOV 22 2004

Production Casing

7.0" 20.0# csg. (9.25" Hole) @ 4050' w/ 450 sx cmt.
TOC @ 1980' by Calc.

SOS Consulting, LLC

Drawn by: Ben Stone, 2/27/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.114

API 30-025-07644

2310' FSL & 1650' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/17/1952
Convert to Inj.: 2/26/1986
TA Date: 11/24/1997
P&A Date: 9/08/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs @ 310'
Circulate 93 sxs to Surface

Spot 25 sxs
1632'-1362'

Plugging Mud
between cmt. plugs

Perf @ 2700'
Held 2000 psi
Spot 35 sxs 2751'-2531' (Tagged)

CIBP @ 3950'
Cap w/ 20 sxs - 3950'-3753'

Formation Fluids

P&A Marker G.L. 3618'

260'

4149'

TD @ 4150'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625" 28.0# csg. (11" Hole) @ 260'
300 sxs Howco - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|--|---|--|
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPS ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPLETION ☐ | CASING TEST AND CEMENT JOB ☐ | OTHER ☐ |
| OTHER: ☐ | | OTHER: ☐ | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/7/04 Set CIBP @ 3950' Circulate well w/ plugging mud.

9/8/04 Spot 20 sxs of cement 3950'-3753'

Perf @ 2700' Pressured up on perfs to 2000 psi-Held. Spot 35 sxs of cement 2751'. Tagged TOC 2531'

Spot 30 sxs of cement 1632'-1362' MINOCB certified tagging requirement.

Perf @ 310' Circulated 93 sxs of cement up annulus to surface.

Cut off wellhead & install 3" BGL. Cap well. Install dry hole marker.

Approved as to plugging of the Well Bore.
Liability under bond is retained until

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I am not aware of any pit or hole-grade seal has been/will be constructed or closed according to MINOCB guidelines ☐ or as (untested) alternative OGD-approved plan ☐.

SIGNATURE *[Signature]* TITLE Agent DATE 9/15/04

Type or print name: Josh Shelton E-mail address: jshelton@ocenergy.com Telephone No. 432-512-5126
(This space for State use)

APPROVED BY *[Signature]* FIELD REPRESENTATIVE (I/STAFF NUMBER) DATE 9/22/04
Conditions of approval, if any:

Production Casing

5.5" 17.0# csg. (7.625" Hole) @ 4149'
w/ 300 sxs Howco Calculated to 833'

1st Recomp.

Added Perfs 4046'-99'

Perfs 4099'-4109' (Original Comp)

SOS Consulting, LLC

Drawn by: Ben Stone, 2/27/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.116

API 30-025-07645

990' FSL & 1650' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/15/1957

Convert to Inj.: 2/19/1988

TA Date: 11/25/1997

P&A Date: 9/16/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

K.B. 3624'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 45 sxs
395'-0'

315'

Surface Casing

8.625" 28.0# csg. (11" Hole) @ 315'

300 sxs Howco - Circulated to Surface

Remedial Work

Sqz Perfs @ 340' (CIBP @ 3850')

Sqz w/ 180 sxs & Circ. 20 sxs to Surf

D/O & Sqz w/ 250 sxs

Return to Prod. (9/15/81)

Spot 20 sxs
1784'-1610' (Tagged)
Perf @ 1725' - pressure to
1000 psi & held.

Spot 25 sxs
2705'-2451'

Plugging Mud
between cmt. plugs

CIBP @ 3800'
Cap w/ 20 sxs - 3800'-3608'

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPER. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/16/84 Set CIBP @ 3800' Tag CIBP w/ 20 sxs, Circ. well w/ plugging mud. Spot 20 sxs of cement 3800'-3608'
Spot 25 sxs of cement @ 2705'-2451'. Perf @ 1725' Pressured up on perf to 1000 psi-Held. EL Gonzales oh'd test.
Spot 20 sxs of cement @ 1784' Tagged TOC @ 1610' EL Gonzales committed perf @ 355' (prior sqz job)
Spot 45 sxs @ 395'-surface.

Cut off wellhead & anchors 3' BGL. Cap well. Install dry hole marker.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or bore-grade seal has been set in accordance with 7000029 guidelines ☐ a general permit ☐ or an (attached) alternative O&A approved plan ☐.

SIGNATURE: *[Signature]* TITLE: Agent DATE: 6/21/84

Type or print name: Jack Shelton E-mail address: jshelton@huyenergy.com Telephone No. 432-523-5155
(This space for State use)

APPROVED BY: *[Signature]* ORIGINAL SIGNATURE: *[Signature]* DATE: 2/2/88
Conditions of approval, if any: O&A FIELD REPRESENTATIVE E/STAFF MANAGER

Production Casing

5.5" 14.0# csg. (7.75" Hole) @ 4100'

200 sxs - Calculated to 2972'

Perfs 3965', 72', 82', 4013', 29'
and 4047', 54', 58', 82', 68', 71'

1st Recomp. (Convert to Inj.)

PB to 4097' w/ CIBP @ 3836'

Sqz Existing Perfs w/ 80 sxs

D/O to 4230' & Acidize OH Interval

Commence Injection 2/19/86

Formation Fluids

TD @ 4236'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/02/2012

PLUGGED WELL SCHEMATIC

Fowler 'B' Well No.1

API 30-025-07646

2310' FSL & 2317' FWL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 2/04/1959

P&A Date: 1/06/1960

Well plugged by:
Cities Service Oil Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

K.B. 3629'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 15 sxs
75'-0'

Surface Casing

8.625" 28.0# csg. (11.25" Hole) @ 1652'

736 sxs Howco - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Spot 25 sxs
1651'-1526'

1652'

Hole Loaded w/
Plugging Mud
Prior to Spotting Plugs

Spot 25 sxs
3410'-3345'

5.5" Shot & pulled @ 3463'

Spot 30 sxs
4249'-4009'

Perfs 4146'-85'

Perfs 4202'-14'

4250'

TD @ 4250'

| NEW MEXICO OIL CONSERVATION COMMISSION | | | | | | FORM C-100
(Rev 2-58) |
|---|---------------|----------------------|----------------------|----------------------|--------------------|---|
| MISCELLANEOUS REPORTS ON WELLS | | | | | | DATE OF REPORT |
| Name of Company
Cities Service Oil Company | | | | | | Address
Box 51, Santa Fe, New Mexico |
| Well No.
30-025-07646 | | | | | | Section
6 |
| Tie Line
1-4-40 to 1-6-40 | | | | | | County
Lea |
| Operator
Bobbo | | | | | | Country
USA |
| THIS IS A REPORT OF: (Check appropriate block) | | | | | | |
| ☐ Beginning Drilling Operations | | | | | | ☐ Casing Test and Cement Job |
| ☐ Plugging | | | | | | ☐ Other (Specify) |
| Detailed account of work done, nature and quantity of materials used, and results obtained. | | | | | | |
| The hole was loaded with approximately 200 barrels of mud. Run 30 neck cement plug 4249'-4009' - casing was perforated from 4146' to 4250'. Test free point test. Shot off 5 1/2" casing and removed 3463'. Run 25 sxs plug from 3410' to 3345'. Run 25 neck plug 1651' to 1526'. Run 15 neck plug and cemented 15' - 14' surface with information required by State on the surface. After 6 days a check survey 6, 1960. The location was cleared of all debris, cables and pipe was filled. Cementing was completed February 16, 1960. This well was plugged by Joe. George using Follows under the supervision of Mr. Jack V. Nelson, 125 E. Santa Fe, Santa Fe, New Mexico. | | | | | | |
| Witnessed by
M. H. Dineen | | | | | | Position
Production Foreman |
| Company
Cities Service Oil Co. | | | | | | |
| FILL IN BELOW FOR REGULAR WORK REPORTS ONLY | | | | | | |
| GENERAL WELL DATA | | | | | | |
| D.F. Elev. | T.D. | P.B.T.D. | Producing Interval | Completion Date | | |
| Testing Pressure | Testing Depth | Oil Spring Discharge | Oil Spring Depth | | | |
| Perforated Interval(s) | | | | | | |
| Open Hole Interval | | | | | | |
| RESULTS OF WORKOVER | | | | | | |
| Time | Date of Test | Oil Production SPD | Gas Production MCFPD | Water Production SPD | GOR Ratio bbl/Mbbl | Gas Well Potential MCFPD |
| Before Workover | | | | | | |
| After Workover | | | | | | |
| OIL CONSERVATION COMMISSION | | | | | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge. | | | | | | |
| Approved by
John H. Dineen | | | | | | Signature |
| Position
Production Foreman | | | | | | |
| Company
Cities Service Oil Co. | | | | | | |

Production Casing

5.5" 14.0# csg. (7.875" Hole) @ 4250'

w/ 150 sxs Calculated to 2592'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/29/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.9

API 30-025-07647

330' FNL & 2310' FWL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/09/1930

TA Date: 8/21/1991

P&A Date: 9/12/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs 400'
Circulate Cmt to Surface

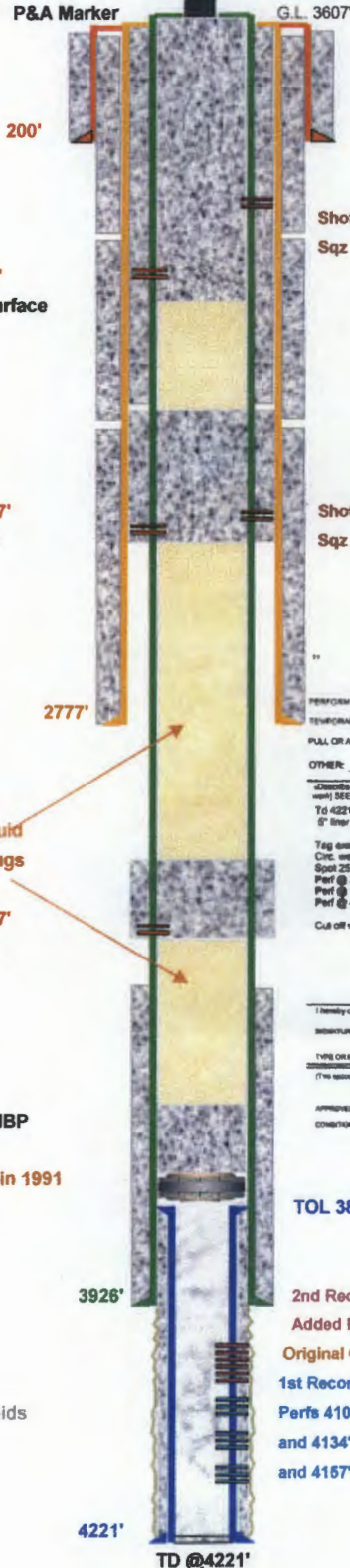
Shot Perfs 1667'
Sqz w/ 40 sxs
1667'-1567'

Mud Ladened Fluid
between cmt. plugs

Shot Perfs 2827'
Sqz w/ 45sxs
2827'-2727'

Spot 25 sxs on CIBP
~3795'-3688'
CIBP @ 3795' for TA in 1991

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

15.5", 40# csg. (Assumed Hole 17.5") @ 200'
175 sx - Calculated to Surface - Not reported

Remedial Work 9/27/1981

Intermediate Casing

10.75", 36# csg. (Assumed 13.75" Hole) @ 2777'
400 sxs - TOC @ 1779' Calculated

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|------------------|------------------------------|----------------------|
| PERFORM REMEDIAL WORK | PLUS AND ABANDON | REMEDIAL WORK | ALTERING CASING |
| PERFORMABLY ABANDON | CHANGE PLANS | COMMENCE DRILLING OPERATIONS | PLUS AND ABANDONMENT |
| PULL OR ALTER CASING | | CASING TEST AND CEMENT JOB | |
| OTHER: | | OTHER: | |

Consent Provided at Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103

To 4221' P&A 4180' Perfs 4082'-4172' 18 1/2" @ 2807' 175 sxs, 10 3/4" 2777' 400 sxs, 7" 3820' 250 sxs, 5 1/2" 0-3802' 200 sxs
5" liner 3802'-4221' 100 sxs CIBP @ 3795'

Tag existing CIBP
Circ. well w/ M.L.F.
Spot 25 sxs of cement on top of CIBP 3795'
Perf @ 2827' Sqz. 45 sxs of cement 2827'-2727' W/ot & Tag
Perf @ 1667' Sqz. 40 sxs of cement 1667'-1567' W/ot & Tag
Perf @ 400' Circ. cement to surface with all annulus open.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature: *[Signature]* Title: Agent DATE: 11-08-03

Third Party Agent: Jack Shelton TELEPHONE NO: 432-523-5155

(This space for State Use)

APPROVED BY: *[Signature]* OIL FIELD REPRESENTATIVE / STATE MANAGER DATE: NOV 12 2003

COMMENTS OF APPROVAL, IF ANY:

Intermediate Casing

7.0", 24# csg. (Assumed 7.875" Hole) @ 3926'
250 sxs - TOC @ 3202' by CBL

2nd Recomp.- Ran liner and perfed (9/09/57)

Added Perfs 4082'-92'

Original Comp OH 3926'-4221'

1st Recomp.- Ran liner and perfed (9/09/57)

Perfs 4102'-18'

and 4134'-43'

and 4167'-72'

Production Liner

5.0", 11.6# csg. (Assumed 5.625" Hole) @ 4221' w/ 100
TOC @ Calc. to Top of Lnr.

SOS Consulting, LLC

Drawn by: Ben Stone, 3/02/2012

Drawn by: Ben Stone, 3/05/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.8

API 30-025-07649

330' FNL & 933.2' FWL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 12/03/1958

Convert to Inj.: 3/03/1986

TA Date: 11/24/1997

P&A Date: 8/09/2002

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot Cement
60'-0'

Spot Cement
400'-275'

Spot Cement
1650'-1550'

Plugging Mud
between cmt. plugs

Spot Cement
2650'-2550'

Spot 35 sxs @ 4010'
Tagged @ 3975'

CIBP @ 4010'
Set for 1997 TA Status

Formation / Injection Fluids

P&A Marker

R.D.B. 3656'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 22.7# csg. (12.25" Hole) @ 322'
250 sxs Howco - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLUMB | ☐ |
| PULL OR ALTER CASING | ☐ | CONDUCE DRILLING OPS | ☐ |
| OTHER: | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| | | OTHER: | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)
SEE RULE 1103.

Notify the NMOC 24 hr before job. (393-4161)

Well is a T&E well: CIBP set @ 4010'.
Spot 35 sxs csg on CIBP @ 4010'. YTC @ 3975'.
Circ Mud Gel from 3975' to 2650'.
Spot cmt from 2650' to 2550'. Box of Ashy @ 2660'.
Circ Mud Gel from 2550' to 1650'.
Spot cmt from 1650' to 1550'. Top of Ashy @ 1600'.
Circ Mud Gel from 1550' to 400'.
Spot cmt from 400' to 275'. Box of 8-3/8" csg @ 322'.
Circ Mud Gel from 275' to 60'.
Spot cmt from 60' to surface.
Insert dry hole marker: SRU 508 UL - D. 330 FNL, 933 FWL. Sec - 6, T-19S, R-38E 8-9-02

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: *Robert Gilbert* TITLE: SR ENGR. TECH. DATE: 08/09/2002

TYPE OR PRINT NAME: Robert Gilbert TEL: 505/397-3209

APPROVED BY: *John A. Palmer* TITLE: CIBP MGR. DATE: 08/09/2002

CONDITIONS OF: NONE IF ANY

GW

Production Casing

5.5", 14.0# csg. @ (7.875" Hole) 4272'
600 sxs Howco - Calculated TOC @ 888'

Perfs 4154'-91'
and 4205'-20'

1st Recomp - Clean out to 4260'
Added Perfs 4191'-4205'
and 4220'-45' - Convert to Injection

4272'

TD @ 4272'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/05/2012

PLUGGED WELL SCHEMATIC

State 'H' Well No.4

API 30-025-27622

660' FNL & 1980' FWL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/20/1981

TA Date: 3/23/1982

P&A Date: 5/31/1983

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 65 sxs
60'-0'

P&A Marker

G.L. 3650'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# csg. (12.25" Hole) @ 401'
250 sxs Cls 'C' - Circulated to Surface

401'

<P&A SUBSEQUENT SUNDRY>

| | | | |
|--|-------------------|-----------------------|----------------------|
| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data | | | |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PLUGGING REQUIRED | PLUGGING REQUIRED | REPAIRS REQUIRED | ALTERATIONS REQUIRED |
| REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED |
| REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED | REPAIRS REQUIRED |

Moved in service unit and killed well with 50 bbl fresh water. Pulled tubing and ran 5-1/2" CIBP. CIBP set at 2750'. Capped with 5 sx class C neat cement. Circulated hole with 55 bbl 10# brine water with 25# brine gel per sx. PDW to 470' and pump 65 sx class C neat cement surface plug 470' to surface. Cut off wellhead and weld on cap. Erect permanent P&A marker and moved out service unit 5-31-83.

Brine Gel
between cmt. plugs

6-4-NMCCU, N T-HOB N. E. Ogden RM 21.150 T-F. J. Misch, RM No. 4.206 T-CM

P&A CIBP @ 2750' w/ 5 sxs
2750'-2715'

Rtrv BP @ 2770' (3/23/82)
TA'd Well after Prod Test

| | |
|---|---------------------------------|
| I hereby certify that the information herein is true and complete to the best of my knowledge and belief. | |
| Signature: <i>Charles M. Herring</i> | Administrative Analyst 6-20-83 |
| Signature: <i>W. J. Herring</i> | OIL & GAS INSPECTOR JUN 29 1983 |

1st Recomp (3/17/82) Set CIBP @ 3250'
Cap w/ 35' Cement to Abandon Lower Perfs

Perfs 2823'-32', 37'-41', 60'-64',
and 2932'-34', 56'-61', 3026'-32'

Production Casing

5.5", 14.0# K-55 csg. @ (7.785" Hole) 3400' w/ 800 sxs
Lite & 200 sxs Cls 'C' - Calc. to Circ. - Tie Back Rpt'd

Perfs 3274'-82', 3304'-10', 37'-45', 72'-86'
(Original Completion)

Formation / Injection Fluids

3400'

TD @ 3401'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/06/2012

PLUGGED WELL SCHEMATIC

Fowler 'B' Well No.1

API 30-025-28197

2310' FSL & 2317' FWL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/07/1983

P&A Date: 4/24/2008

Well plugged by:
State of New Mexico

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Perf @ 410' 25 sxs

Spot 60 sxs
410'-0'

Spot 25 sxs
1700'-1517'

Spot 25 sxs
2830'-2647'

P&A CIBP @ 4060' w/ 35' Cmt

Formation / Injection Fluids

P&A Marker

G.L. 3622'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# csg. (11.0" Hole) @ 363'
200 sxs CIs 'C' - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| | | | |
|--|---|--|---|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING (PHS) ☐ | P AND A ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPL. ☐ | CASING CEMENT JOB ☐ | |
| OTHER: ☐ | | OTHER: ☐ | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 110. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MAYO MARKS CASING PULLING INC.
BOX 863
KERNITT, TEXAS 79745

NM5002

License: FOWLER B 14882 #1
Project: P & A

4/24/2008 SET CIBP @ 4060' DUMPED 35' OF CEMENT ON TOP

4/25/2008 SPOT 25 BACKS @ 2830'
SPOT 25 BACKS @ 1750'
PERF @ 410' AND SPOT 60 BACKS @ 400' TO SURFACE

PUMPED PLUGGING MUD BETWEEN ALL PLUGS
INSTALLED DRY HOLE MARKER

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that my job or hole profile has been left to completion or closed according to NM5002 guidelines ☐ a general permit ☐ or as (inserted) alternative O&P-approved plan ☐

SIGNATURE: [Signature] TITLE: AGENT DATE: 3-25-08

Type or print name: [Name] E-mail address: Telephone No.

APPROVED BY: [Signature] TITLE: DISTRICT 1 SUPERVISOR DATE: FEB 24 2008

Conditions of Approval (if any):

Production Casing

5.5", 15.5# J-55 csg. @ (7.785" Hole) 4303'
800 sxs Lite & 200 sxs CIs 'C'
CIs 'C' - Calculated to Surface - Not Reported

Perfs 4160'-4230'

Perfs 4241'-59'
(Original Completion)

4303'

TD @ 4305'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/06/2012

PLUGGED WELL SCHEMATIC South Hobbs (GSA) Well No.200

API 30-025-29410

2310' FNL & 2310' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/16/1985

TA Date: 8/10/1998

P&A Date: 11/17/2003

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Perf @ 300'
Circulate Cmt to Surface

Spot 25 sxs
1650'-1450' (Tagged)

Spot 25 sxs
2680'-2433'

Plugging Mud
Between Plugs

Spot 25 sxs on Existing CIBP
4020'-3773'
CIBP @ 4020'
Set for 1998 TA Status

Formation Fluids

P&A Marker

40'

G.L. 3632.4'

1595'

Remedial - Sqz holes @ 1610' w/ CIRC @ 1516'
Sqz w/ 150 sxs (During original completion)

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

14.0" csg. (18" Hole) @ 40'

2.5 yds. Redi-Mix & 13 sxs - Cement to Surface

Intermediate Casing

8.625", 24# csg. (12.25" Hole) @ 1595'

875 sxs Class 'C' - Circulated 185 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER:

PLUS AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPER.

CASING TEST AND CEMENT JOB

OTHER:

ALTERING CASING

PLUS AND ABANDONMENT X

Subsequent Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1100.

11/14/85 Tagged existing CIBP @ 4020'. CML well w/ plugging mud. Spot 25 sxs of C cement 4020'-3773'. Spot 25 sxs of cement 2680'-2433'. Spot 25 sxs of cement 1650'. Tagged TDC @ 1450'

11/17/83 Perf @ 300' Circ. cement down 5 1/2' up annulus to surface.

Cut off wellhead & anchors 3' BGL. Cap well. Installed dry hole marker.

Approved as to plugging of the Well Bore.

Liability under bond is retained until

surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Gilbert

TITLE Sr. Eng. Tech.

DATE 12-02-03

TYPE OR PRINT NAME Robert Gilbert

TELEPHONE NO. 397-8206

(This space for State Use)

OC DISTRICT SUPERVISOR/GENERAL MANAGER

DEC 10 2003

APPROVED BY Chris Williams

TITLE

DATE

COMPLETION OF APPROVAL, IF ANY

Production Casing

5.5" 15.5#, csg. (7.875" Hole) @ 4175'

1150 sxs Class 'A' Self Stress I

Circulated to Surface

Perfs 4067' - 4170'

4175'

TD @ 4185'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/06/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.198**

API 30-025-29442

749' FNL & 1981' FWL, SEC. 6-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 11/29/1985

TA Date: 11/24/1998

P&A Date: 11/10/2003

Well plugged by:
Occidental Permian, LTC

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 40 sxs
 400'-0'

P&A Marker

G.L. 3637.1'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

14.0" csg. (20" Hole) @ 40'

3 yds. Redi-Mix - Cement to Surface

Intermediate Casing

8.625", 24# K-55 csg. (12.25" Hole) @ 1584'

1100 sxs Class 'C' - Circulated 212 sxs to Surface

Spot 25 sxs
 1634'-1320' (Tagged)

1584'

Spot 25 sxs
 2600'-2353'

Plugging Mud
 Between Plugs

Spot 25 sxs on Existing CIBP
 4100'-3853'
 CIBP @ 4105'
 Set for 1998 TA Status

Formation Fluids

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|------------------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | COMMENCE DRILLING OPERATIONS | ☐ |
| OTHER: | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| | | OTHER: | ☒ |

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

11/08/03 Tagged existing CIBP @ 4105'

11/07/05 Circ. well w/ plugging mud. Spot 25 sxs of c cement 4105'-3853'. Spot 25 sxs @ 2600'-2353' (EL ok'd no tag). Spot 35 sxs @ 1634'. Tagged @ 1320'.

11/10/03 Spot 40 sk surface plug 400'-surface.

Cut off wellhead and anchors 3' BGL. Cap well. Install dry hole marker.

Approved as in plugging of the Well Bore.
 Liability under bond is retained until
 surface restoration is completed.

NOV 2003
 Approved
 NOV 2003

SIGNATURE: *Ben Stone* TITLE: *NO Supervisor* DATE: *11-6-03*

TYPE OR PRINT NAME: *Ben Stone* TELEPHONE NO: *6187375*

(This space for State Use)

APPROVED BY: *Harry W. Wink* DATE: *NOV 21 2003*

COMPLETION OR APPROVAL, IF ANY: _____ OC FIELD REPRESENTATIVE/STAFF MANAGER

Production Casing

5.5" 15.5# K-55 Csg (7.875" hole) @ 4264'

950 sxs Class 'A' Self Stress I

Circulated 80 sxs to Surface

Perfs 4155'- 4242'

4264'

TD @ 4264'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/06/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.202**

API 30-025-29443

1650' FSL & 1100' FEL, SEC. 6-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 11/13/1985

TA Date: 9/30/2003

P&A Date: 09/10/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 30 sxs
 215'-0'

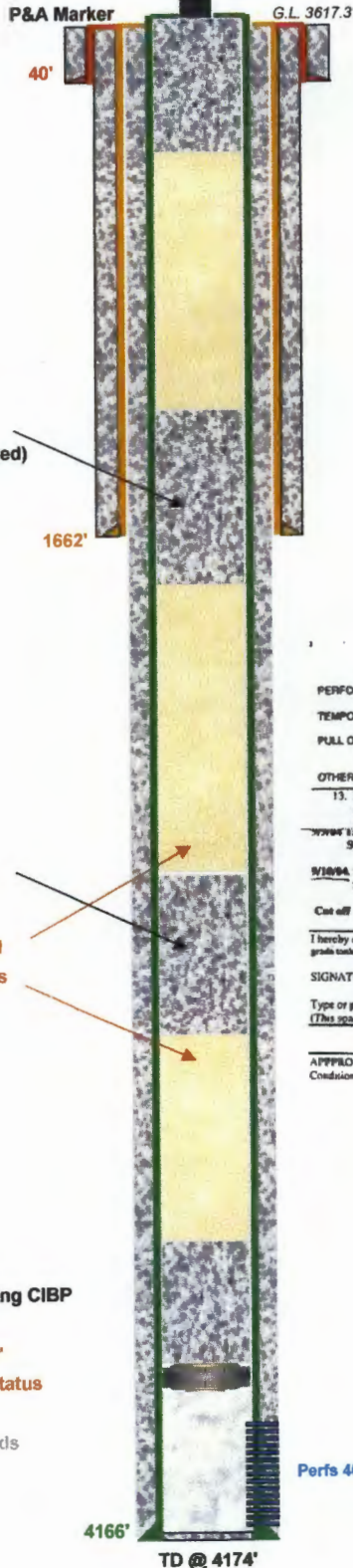
Spot 30 sxs
 1724'-1449' (Tagged)

Spot 25 sxs
 2710'-2463'

Plugging Mud
 Between Plugs

Spot 20 sxs on Existing CIBP
 4010'-3813'
 CIBP @ 4010'
 Set for 2003 TA Status

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

14.0" csg. (18" Hole) @ 40'
 2.5 yds. Redi-Mix - Cement to Surface

Intermediate Casing

8.625", 24# K-55 csg. (12.25" Hole) @ 1662'
 1075 sxs Class 'C' - Circulated 175 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|--|---|--|
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPNS ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPLETION ☐ | CASING TEST AND CEMENT JOB ☐ | OTHER ☐ |
| OTHER: ☐ | | OTHER: ☐ | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

www.sosconsulting.com "CIBP" @ 4010'. Circ well of plugging mud. Spot 20 sxs of cement @ 4010'-3813'. Spot 25 sxs of cement @ 2710'-2463'.

9/10/04. Spot 30 sxs of cement @ 1724'. Tagged @ 1449'. Spot 30 sxs of cement 215'-surface.

Cut off wellhead & anchors 3' BGL. Cap well. Install dry hole marker.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or bottom-grade tank has been constructed or closed according to NROCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE: Jack Sheldon TITLE: Agent DATE: 9/15/04 2/01/09

Type or print name: Jack Sheldon E-mail address: jsheldon@haysenergy.com Telephone No. 432-513-5155

APPROVED BY: [Signature] TITLE: DISTRICT 1 SUPERVISOR DATE: FEB 10 2009

Conditions of approval, if any

Production Casing

5.5" 15.5#, K-55 csg. (7.875" Hole) @ 4166'
 750 sxs Class 'A' Self Stress I
 Circulated 73 sxs to Surface

Perfs 4062' - 4165'

TD @ 4174'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/07/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.199**

API 30-025-29458

1028' FNL & 2310' FEL, SEC. 6-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 10/28/1985

TA Date: 6/12/1998

P&A Date: 09/10/2004

Well plugged by:
Occidental Permian, LLC

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 40 sxs
 400'-0'

Spot 35 sxs
 1675'-1362' (Tagged)

Spot 25 sxs
 2680'-2420' (Tagged)

Plugging Mud
 Between Plugs

Spot 25 sxs on Existing CIBP
 3964'-3717'
 CIBP @ 3964'
 Set for 1998 TA Status

Formation Fluids

P&A Marker

G.L. 3630.2'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

14.0" csg. (18" Hole) @ 40'
 2.5 yds. Redi-Mix - Cement to Surface

Intermediate Casing

8.625", 24# K-55 csg. (12.25" Hole) @ 1625'
 850 sxs Class 'C' - Circulated 25 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | |
|---|--|
| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK ☐ | PLUS AND ABANDON ☐ |
| TEMPORARILY ABANDON ☐ | REMEDIAL WORK ☐ |
| PULL OR ALTER CASING ☐ | CHANGE PLUGS ☐ |
| OTHER: ☐ | COMMENCE DRILLING OPS ☐ |
| | CASING TEST AND CEMENT JOB ☐ |
| | OTHER: ☐ |
| | ALTERING CASING ☐ |
| | PLUS AND ABANDONMENT ☒ |

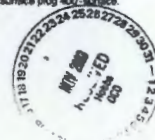
Describe Processed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

11/10/03 Tagged existing CIBP @ 3964'. Circ. well with plugging mud. Spot 25 sxs of c cement 3964'-3717'

11/11/03 Spot 25 sxs 2680', Tagged @ 2420'. Spot 35 sxs 1675', Tagged @ 1362'. Spot 40 at surface plug 400' surface.

Out off wellhead and anchors 3' BGL. Cap well. Install dry hole marker.

Approved as to plugging of the Well Bore.
 Liability under bond is released until
 surface restoration is completed.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bobby Wenz TITLE P&A Supervisor DATE 6-11-07
 TYPE OR PRINT NAME Bobby Wenz TELEPHONE NO 638 7379
 APPROVED BY Larry Wink OC FIELD REPRESENTATIVE / STAFF MANAGER DATE NOV 21 2003
 CONDITIONS OF APPROVAL None

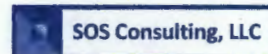
Production Casing

5.5" 15.5#, K-55 csg. (7.875" Hole) @ 4137'
 775 sxs Class 'A' Self Stress I
 Circulated 158 sxs to Surface

Perfs 4014'-4116'

4137'

TD @ 4137'



Drawn by: Ben Stone, 3/07/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.201

API 30-025-29459

2310' FNL & 1028' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/08/1985

TA Status: 7/15/1998

P&A Date: 7/13/2012

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

270' - 0'
Spot 35 sx
Sqz Perfs @ 60'
(Could not pump into)

Sqz Perfs @ 400'
Sqz w/ 35 sx

1746'-1223' (Tagged)
Spot 50 sx

2780'-2490' (Tagged)
Spot 30 sx

Circ. Hole w/
Mud Laden Fluid

CIBP @ 3951'
Cap w/ 25 sx
Calc'd @ 3705'

Formation Fluids

P&A Marker

G.L. 3628.5'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

14.0", 36.71# Csg. (18.0" Hole) @ 40'
2.75 yds. Redimix

Intermediate Casing

8.625", 24# K-55 Csg (12.25" Hole) @ 1591'
875 sx CIs 'C' w/ 1% - Circ. 17 sx to Surface

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
TALL OR ALTER CASING ☐ MULTIPLE COMPL. ☐
UNKNOWN HOLE COMBING ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPS ☐ P AND A ☒
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe the proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1185 For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7/12/12

Tag CIBP @ 3951'. Circ hole w/ MLE. Cap w/ 25sx cmt - CTDC @ 3705'
Spot 35sx cmt @ 2780' - CTDC @ 2490' - Tag @ 2490'
Spot 50sx cmt @ 1746' - CTDC @ 1223' - Tag @ 1223'

7/13/12 - Perf @ 400' - no circ - Sqz 35sx cmt & stop to 275' - Tag @ 275'
Perf @ 60' - could not Sqz - Pump 25sx cmt @ 275' to surface
Top off well. RDMD. Cut Wt & anchors. Install P&A marker

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens

TITLE: Regulatory Compliance Analyst DATE: 8/3/12

Type or print name: Mark Stephens

E-mail address: Mark_Stephens@ocp.com

PHONE: (731) 366-5158

For State Use Only

APPROVED BY: Mark Stephens

TITLE: Compliance Officer

DATE: 08-07-2012

Conditions of Approval (if any):

AUG 08 2012

Production / Inter. Casing

5.5", 15.5# csg. (7.875" Hole) @ 4108'
850 sx CIs 'A' - Circ. 98 sx to Surface

Perfs 3981'-4088' (4 jspf)

Acidize w/ 100 gals. 15% per 4' perf depth settings

Frac w/ 6000 gals. HPG Gel, 300 gals. Diesel w/ 9625# 20/40 Ottawa Sand

4108'

TD @4108'



Drawn by: Ben Stone, 2/07/2013

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.206

API 30-025-29519

1640' FNL & 280' FEL, SEC. 6-T19S-R38E
LEA COUNTY, NEW MEXICO

Drilled as Injector

Spud Date: 11/25/1985

TA Status: 12/12/2007

P&A Date: 8/15/2012

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

132' - 0'

Spot 25 sx

Sqz Perfs @ 300'
(Could not est. Circ.)
Spot 30 sx - 360'-132' (Tagged)

1712'-1190' (Tagged)
Spot 50 sx

2975'-2713' (Tagged)
Spot 30 sx

Circ. Hole w/
Mud Ladened Fluid

CIBP @ 4090'
Cap w/ 25 sx
Calc'd @ 3754'

Formation Fluids

P&A Marker

G.L. 3625.6'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

14.0", 36.71# Csg. (20.0" Hole) @ 40'
4.75 yds. Redimix

Intermediate Casing

8.625", 24# K-55 Csg (12.25" Hole) @ 1598'
975 sx Cls 'C' w/ 1% - Circ. 17 sx to Surface

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| | | |
|---|--|---|
| <p>APPROVED FOR PLUGGING OF WELL HERE ONLY</p> <p>CAUTION TO: C-100 (Specifically for Subsequent Report of Plugging) which may be found at OGD web page</p> <p>EMPL- ALL OR ALTS- (Hole Completion)</p> <p>OTHER: _____</p> | <p>ATTENTION TO:</p> <p>REMEDIAL WORK ☐</p> <p>COMMENCE DRILLING OPS ☐</p> <p>CASING/CEMENT JOB ☐</p> <p>OTHER ☐</p> | <p>SUBSEQUENT REPORT OF:</p> <p>ALTERING CASING ☐</p> <p>P AND A ☒</p> |
|---|--|---|

13. Describe proposed or completed operations of existing or proposed work. SEE RULE 110. Attach wellbore diagram of proposed completion or abandonment.

Subject well plugged and abandoned as follows -

8/9/12 - 8/15/12:

RI x RU pulling unit. P&A with tubing x packer. Set 5-1/2" CIBP at 4090'. Circulate well with MLF x pressure test to 500 psi. Spot 35 sx. C1. C from 4090' - 3754'. Spot 30 sx. C1. C from 2975' - 2675'. T1M x tag at 2713'. Spot 50 sx. C1. C from 1712' - 1210'. RI M x tag at 1190'. Perforate at 300'. Get pump rate of 1 BPM @ 1000 psi with no circulation to surface. Notify Mark Whitaker with the MWD (received approval) to spot cement x tag. Spot 30 sx. C1. C from 360' - 64'. Tag cement at 132'. Spot 25 sx. C1. C from 132' to surface. T1M with pipe and equipment. RD x RD x clean location.

Spud Date: _____ Sig Release Date: 8/15/12

hereby certify that the information above is true and complete to the best of my knowledge and belief:

SIGNATURE: Mark Stephens TITLE: Regulatory Compliance Analyst DATE: 9/24/12

Type or print name: Mark Stephens E-mail address: Mark_Stephens@ocp.com PHONE: (713) 366-5159

For State Use Only: [Signature] TITLE: Director DATE: 9-26-2012

Conditions of Approval (if any): _____

SEP 28 2012

Production / Inter. Casing

5.5", 15.5# csg. (7.875" Hole) @ 4300'
850 sx Cls 'A' - Circ. 98 sx to Surface

Perfs 4170'-74'; 4190'-4212'; 4216'-22' and 4225'-30' (4 jsp)

Acidize w/ 1000 gals. 15% NE HCl

4300'

TD @4300'



Drawn by: Ben Stone, 2/07/2013

SECTIONS
8 & 9

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.80**

API 30-025-07651

2310' FSL & 330' FEL, SEC. 8-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 5/09/1959

TA Date: 4/09/1991

Well Apparently TA'd (Shut-In) since 1963

P&A Date: 6/23/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 15 sxs
 100'-0'

Shot Sqz holes @ 384'
 Fluid Circulated / Not Cement
 Sqz w/ 85 sxs
 No Circulation - Tagged @ 100'

Shot Sqz holes @ 1600'
 Sqz w/ 35 sxs
 Tagged @ 1465'

Plugging Mud
Between Plugs

Spot 25 sxs
2730'-2366'
Tagged @ 2295'

Shot Sqz holes @ 2680'
Could Not Pump Into Perfs

Spot 25 sxs on Existing CIBP
4095'-3731'
CIBP @ 4095'
Set for 1991 TA Status

Formation Fluids

P&A Marker

K.B. 3602'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

7.0", 17 & 20# csg. (9.625" Hole) @ 334'
 250 sxs Halliburton - Cement to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |
| REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| COMMENCE DRILLING OPS | ☐ | PLUG AND ABANDONMENT | ☒ |

*Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1100

8-18-03 Tag Existing CIBP @ 4095'. Pump Mud laden Fluid. Spot 25 in Class C 4080-3731'.
 8-19-03 Perforate 4 SPF @ 2680'. Not able to pump in. Spot 25 in Class C 2730-2366'. WOC Tag Plug @ 2295'. Perforate 4 SPF @ 1600'.
 8-20-03 Establish injection rate with packer set @ 1190'. Squeeze 35 in Class C. WOC. Tag plug @ 1465'. Perforate 4 SPF @ 384'. Break circulation out surface. Pump 85 in Class C no cement to surface. Displace 2 bbls. WOC.
 8-23-03 Tag plug @ 100'. Pump 15 in Class C fillup 4-1/2" casing 100'-surface. Cut off Cap & install dry hole marker.

Approved as to plugging of the Well Base.
 Liability under bond is retained until
 surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: *Robert J. Gilbert* TITLE: *SA Geop. Tech* DATE: *7-4-03*

TYPE OR PRINT NAME: *Robert J. Gilbert* TELEPHONE NO: *397-8206*

APPROVED BY: *Wayne W. Webb* OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE: *AUG 07 2003*

CONDITIONS OF APPROVAL, IF ANY:

Production Casing

4.5" 9.5# csg. (6.25" Hole) @ 4179'
 250 sxs Halliburton - TOC Rpt'd @ 2621'

Perfs 4132'- 4170'

4179'

TD @ 4180'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/07/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.118

API 30-025-07654

330' FNL & 990' FWL, SEC. 8-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 12/26/1953

P&A Date: 11/25/1985

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Sqz Perfs @300'
Sqz'd w/ 125 sxs
Circulate to Surface

Spot 25 sxs
1650'-1460'

Spot 25 sxs
2954'-2764'

Plugging Mud
between plugs

CICR @ 3979'
Sqz'd w/ 150 sxs

P&A Marker

K.B. 3612'

312'

4051'

TD @ 4165'

Surface Casing

8.625" 32#, csg. (11" Hole) @ 312'
150 sx Howco - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|------------------------|------------------|-----------------------------|----------------------|
| PROPOSED REMEDIAL WORK | PLUG AND ABANDON | REMEDIAL WORK | ALTERED DESIGN |
| TEMPORARILY ABANDON | CHARGE PLUG | REWORK DRILLING OPER. | PLUG AND ABANDONMENT |
| REPAIR OR ALTER CASING | OTHER | GRADING TEST AND CLINCH FOR | |

13. Complete Paragraphs for Completed Operations (If only note all previous details, and give pertinent data, including estimated date of starting any proposed work) 150 sxs @ 1700'

11-25-85. RTH w/ cement returned and set at 3979'. Spaced with 150 sxs class C cement. Displaced hole upward. Halted tubing to 2954' and spotted 25 sxs class C cement. Halted tubing to 1650' and spotted 25 sxs class C cement. Perforated 301-300'. Pumped down casing and squeezed 125 sxs cement to surface. Erect P&A marker. 11-29-85.

APPROVED BY: *[Signature]* DATE: 12/1/85
ADMINISTRATIVE ANALYST (56)
OIL & GAS DIVISION
APR 15 1988

Collapsed Casing @ 3877'
Swedged Out to 3887'

Production Casing

5.5" 17.0# csg (7.25" Hole) @ 4051' w/ 400 sx cmt.
(2 Stage - DV @ 1650' TOC @ 520' by Calc.

Openhole 4051'-4165'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/07/2012

PLUGGED WELL SCHEMATIC **H.T. Orcutt (NCT-G) Well No.1**

API 30-025-07655

1650' FNL & 2310' FWL, SEC. 8-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 5/26/1959

P&A Date: 10/14/1960

Well plugged by:
Gulf Oil Corporation

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot Cement
 20'-0'

P&A Marker

K.B. 3617'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24# J-55 csg. (12.25" Hole) @ 326'
 310 sxs Halliburton - Cement to Surface

328'

<P&A SUBSEQUENT SUNDRY>

| | | | |
|--|---|---|---|
| Name of Company
Gulf Oil Corporation | | Address
Box 2167, Hobbs, New Mexico | |
| Lease
H. T. Orcutt (NCT-G) | Well No.
1 | Unit Letter
7 | Section Township Range
10-6 10-6 10-6 |
| Date Well Plugged
Oct. 15-16, 1960 | Pool
Hobbs | County
Lea | |
| THIS IS A REPORT OF: (Check appropriate block)
☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Specify):
☒ Plugging ☐ Remedial Work | | | |
| Detailed account of work done, nature and quantity of materials used, and results obtained.
Plugged and abandoned as follows:
1. Filled rods, pump & tubing.
2. Borehole tubing open ended. Loaded hole with heavy mud. Spotted cement from 4195' (TD) to 4100'. Tested with 1000' for 30 minutes. No drop. Spotted 30' cement plug in top of pipe.
3. Set 1/2" master extending 1' above ground. | | | |
| Received by | Position | Company | |
| FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY | | | |
| ORIGINAL WELL DATA | | | |
| D.F. Elev. | T.D. | Producing Interval | Completion Date |
| Tubing Diameter | Tubing Depth | End of Tag Diameter | Oil String Depth |
| Perforced Interval(s) | | Producing Formation(s) | |
| RESULTS OF WORKOVER | | | |
| Test | Date of Test | Oil Production BPD | Gas Production MCFPD |
| Before Workover | | | |
| After Workover | | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge. | | | |
| Approved by
<i>Leslie A. Clement</i> | Name
<i>L. A. Clement</i> | | |
| Title
<i>Agent Production Manager</i> | Position
<i>Agent Production Manager</i> | | |
| Date | Company
Gulf Oil Corporation | | |

Loaded Hole w/
 Heavy Plugging Mud

Spot Cement
 4195'-4100'

4175'

TD @ 4195'

Perfs 4152'-54'; 60'-62'

Openhole 4175'- 4195'

Production Casing

4.5", 9.5# J-55 csg. (6.75" Hole) @ 4175'
 950 sxs Halliburton -
 2 Stage w/ DV @ 1518' - Circulated 15 sxs to Surface

SOS Consulting, LLC

Drawn by: Ben Stone, 3/08/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.70

API 30-025-07656

1650' FNL & 990' FEL, SEC. 8-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 8/09/1958

TA Date: 8/29/1991

P&A Date: 10/18/2002

Well plugged by:
State of New Mexico

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

P&A Marker

G.L. 3611'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

323'

Perf @ 350'

Sqz 25 sxs to Surface

Spot Cement
1725'-1475'

Spot Cement
2725'-2475'

Cap CIBP w/ 20' Sand
Spot 35 sxs Cmt
3970'-3935' (Tagged)

CIBP @ 3985'
Set for 1991 TA Status

Formation / Injection Fluids

4125'

TD @ 4125'

Surface Casing

8.625", 24.0# csg. (11.875" Hole) @ 323'
225 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|--|---|---|--|
| PERFORM REMEDIAL WORK ☐ | PULL OR ALTER CASING ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPERATIONS ☐ | PULL & ABANDONMENT ☒ |
| OTHER ☐ | OTHER ☐ | CASING TEST AND CEMENT JOB ☐ | OTHER ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of carrying out proposed work)
SEE IN L.R. 1103

REPLUG: CIBP set @ 3985'. Capped w/ sand to PBTD @ 3970'.
Spot 35' cmt from 3970' to 3935'. Tag TOC.
Circ Mud Gel from 3935' to 700'.
Spot cmt from 2725' to 2475'. Bat of Anby @ 2600'. ** Top of cmt on 5.5" prod csg @ 3330'.
Spot cmt from 1725' to 1475'. Top of Anby @ 1600'.
Perform sqz hole @ 350'. Circ and to surface.
Spot cmt from 350' to Surf. Bat of 8-5/8" csg @ 333'.

Cut off wellhead and install dry hole marker.
RDPU. Clean Location.

Reg Lip Date: 10/16/2002
Reg Downs Date: 10/18/2002

Approved as to plugging of the Well Bore.
Liability work is retained until
surface restoration is completed

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

| | | |
|--|-----------------------------------|-------------------------|
| SIGNATURE <u>Robert Gilbert</u> | TITLE <u>SR ENGR TECH</u> | DATE <u>10/20/2002</u> |
| TYPE OR PRINT NAME <u>Robert Gilbert</u> | TELEPHONE NO. <u>505/397-5206</u> | |
| APPROVED BY <u>James W. Wines</u> | TITLE <u>SR ENGR</u> | DATE <u>JAN 29 2003</u> |
| CONDITIONS OF APPROVAL: <u>NO FIELD REPRESENTATIVE W/STAFF MANAGER</u> | | |

GWW

Production Casing

5.5", 15.5# csg. @ (7.875" Hole) 4125'
125 sxs TOC Calculated @ 3331'

Recomp - Add Perfs 4033'-65' & Acidize

Perfs 4065'-89'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/08/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.119

API 30-025-07653

330' FNL & 2310' FWL, SEC. 8-T19S-R38E
LEA COUNTY, NEW MEXICO

Well plugged by:
Occidental Permian, LTD

Spud Date: 9/06/1943
Convert to Inj.: 3/21/86
TA Status Date: 12/09/1997
P&A Date: 7/13/2012

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.L. 3612'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: **Sqz Perfs 60'**
Sqz w/35 sx to Surface

Sqz Perfs 401'
Sqz w/ 125 sx - TOC @ 270'

Sqz Perfs 1750'
Sqz w/ 50 sx - TOC @ 1450'

3054'-2863'
Spot 30 sx

Circulate Hole w/
Mud Ladened Fluid

CIBP @ 3911'
Cap w/ 35 sx
Tag @ 3554'

Formation Fluids

281'

4010'

TD @4110'

Surface Casing
8.625", 28# csg. (11.5" Hole) @ 281'
250 sx - Circulated

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
SUA OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMBING ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPHS. ☐ P AND A ☒
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1193. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7/10/12-----Set CIBP @ 3,911' - Circ hole w/ MLF. Cap w/ 35sx cmt - CTOC @ 3,554'
Spot 30sx cmt @ 3,054' - Tag @ 2,863'

7/11/12-----Perf @ 1,750' - Sqz 50sx cmt - Tag @ 1,450'

7/12/12-----Perf @ 400' - Sqz 100sx cmt - no Circ - Tag @ 401'. OCD advise to Sqz add'n 25sx

7/13/12-----Re-Sqz 25sx cmt - Tag @ 270'

Perf @ 60' - Circ 35sx cmt to surface.

Top off well. RDMD. Cut WH & anchors. Install P&A marker.

Approved for plugging of well bore only.
Liability under bond is not released pending receipt
of C&AD (Subsequent Report of Well Plugging)
which may be filed in UCD Well logs under
Plugging and Abandonment section.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens TITLE: Regulatory Compliance Analyst DATE: 8/3/12

Type or print name: Mark Stephens E-mail address: Mark_Stephens@oxy.com PHONE: (731) 366-5158

For State Use Only: APPROVED BY: Mark White TITLE: Compliance Officer DATE: 08-06-2012

Conditions of Approval (if any):

Production / Inter. Casing
5.5", 11.5# csg. (7.875" Hole) @ 3965'
350sxs - TOC @ 2852' by CBL 7/1984

Recompletion: Convert to Injection; Pull rods, pump & tubing
Run Injection PKR on 2.375 IC Tbg @ 3911'

Openhole 4010'-4110'



Drawn by: Ben Stone, 2/05/2013

PLUGGED WELL SCHEMATIC

S.E. Cone - Will Terry Well No.1

API 30-025-07657

990' FSL & 1650' FEL, SEC. 9-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 4/08/1948

P&A Date: 5/18/1948

Replug Date: 4/09/1984

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

Note: Well was plugged by S.E. Cone (A)
In May, 1948 and replugged by Amoco (B).
Results of both jobs are illustrated here.

PLUGS:

B. Spot 20 sxs Cement
36'-0'

B. Spot 900 sxs Cement
1138'-36" (Tagged)

B. D/O & C/O to 1138'

A. Spot 20 sxs Cement
1850' - ~1752'

A. Spot 50 sxs Cement
2640' - ~2270'

A. Loaded Hole w/ Heavy Mud

A. Spot 20 sxs Cmt @ 4065'

P&A Marker

G.L. 3611'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 32.0# csg. (9.75" Hole) @ 320'
175 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY> (A. Original - S.E. Cone)

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

S. E. Cone Well No. 1 in the

County of Lea, State of New Mexico.

The date of this work was on May 14, 1948.

Notice of intention to do the work was (checked) submitted on Form O-105 on May 6, 1948.

and approval of the proposed plan was (checked) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Completed 20 sacs at 4065' - filled hole with heavy mud and cemented at 2640' with 50 sacs then filled with mud and set 20 sacs plug at 1850' filled with mud and cement well marker in top of 5 5/8" surface pipe which is left in well.

Witnessed by: W. E. Rodman, Robbe Pipe & Supply Company, Hobbs, New Mexico

Subscribed and sworn before me this 27th day of May, 1948.

Notary Public

My commission expires April 30, 1950

Address: Hobbs, N.M.

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PROVED
JUN 1 4 1948

<P&A SUBSEQUENT SUNDRY> (B. Replugging - Amoco)

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
SUBSEQUENT REPORT OF:

PROPOSED REVISIONS: YES ☐ NO ☐ PLAN AND SPECIFICATIONS: YES ☐ NO ☐ REVISIONS: YES ☐ NO ☐ REVISIONS: YES ☐ NO ☐

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Production Casing

5.5", 15.0# csg. @ (7.75" Hole) 4045'
150 sxs TOC @ 3280' by Temp Survey

Formation Fluids

Openhole 4045'-4125'

TD @ 4172'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/08/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.65

API 30-025-07660

205' FNL & 205' FEL, SEC. 9-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/12/1927

Convert to Inj.: 4/13/1976

P&A Date: 2/14/1985

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

50 sxs
135' - 0'

Spot 175 sxs
900'-376'

Cement Retainer @ 941'

Sqz w/ 404 sxs
P/U & Left 23 sxs on CICR
Fill to 3852'

Spot 100 sxs
w/ TBG @ 1421'
D/O to 1200'

Spot 310 sxs

P&A Marker

D.F. 3606'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

20.0", 90# csg. @ 271'
Not Cemented

Surface Casing

16.0", 70# csg. (Assumed 19.75" Hole) @ 747'
Not Cemented

Intermediate Casing

12.5", 40# csg. (Assumed 13.75" Hole) @ 1517'
75 sxs - 1143' Calculated

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|----------------------|------------------|------------------|------------------|
| REPAIRS REQUIRED | PLUG AND ABANDON | REPAIRS REQUIRED | ALTERNATE ACTION |
| TOO DEEPLY DAMAGED | ABANDON PLACE | REPAIRS REQUIRED | PLUG AND ABANDON |
| PLUG OR ALTER CASING | | REPAIRS REQUIRED | PLUG AND ABANDON |
| | | REPAIRS REQUIRED | PLUG AND ABANDON |

1. Describe Proposed or Completed Operations (Clearly state all previous events, and give pertinent data, including estimated date of starting any proposed work) SEE PLAN & LOG.

MISU 2-14-85. Pulled cty. and released pbs. Ran pbs. and cty. and set pbs. at 3951'. Pressure tested csg. to 500 PSI and OK. Released pbs. and POH with pbs. and cty. Ran cty. retainer and set at 3948'. Cmt. squeeze with 75 ex Class C cmt. and 100 ex Shil. set. Pulled cty. 143 ex cmt on top of retainer, 143 ex cmt. below. Spotted 100 ex Class C cmt. with addition. Ran cty. and landed at 1421'. Spotted 100 ex Class C cmt. Drilled out cmt. 11090'-1200'. Ran pbs. and set at 344'. Pressure tested pbs. to 500 PSI and OK. Pumped 1000 gal. 15% acid. Ran cmt. retainer and set at 941'. Cmt. with 404 ex Class C. Left 23 ex cmt on retainer. Spotted 175 ex Class C at 900'. Spotted 50 ex Class C 135 surface set for re-head. and installed P-4 meter.

3-7-85
Administrative Analyst
DATE 3-7-85
OIL & GAS
DATE 4-16-85

Intermediate Casing

10.75", 45.5# csg. (Assumed 11.75" Hole) @ 3050'
10 sxs - TOC @ 2590' Calculated

Remedial - Recomplete for Injection

Sqz Perfs 3818' - Post Sqz CBL TOC @ ~2600'
Sqz w/ 50 sxs

Production Casing

Sqz Perfs 4000'
Sqz w/ 50 sxs (R/O 32 sxs)
Not Cemented (Post Sqz ~2600' by CBL)

Deepen to 4241'

Openhole 4026'-4217' (Original Comp)

DTD @ 4217' (Original)

Cement Retainer @ 3948'

Sqz w/ 143 sxs
P/U & spot 32 sxs on CICR
Fill to 3852'

4026'

TD @ 4247'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC

Terry Tract 1 Well No.26

API 30-025-07661

660' FSL & 660' FEL, SEC. 9-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/28/1930

P&A Date: 2/15/1946

Well plugged by:
Stanolind Oil & Gas Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.L. ~3610'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 20 sxs
40'-0'

Surface Casing

16.0", 70# csg. (Assumed 19.75" Hole) @ 149'
50 sx - TOC @ 98' - Calculated

149'

Spotted 40 sxs
1600'~1480'

Intermediate Casing

10.75", 45# csg. (Assumed 13.75" Hole) @ 1598'
75 sxs El Toro - TOC @ 1411' Calculated

1598'

Loaded Hole w/ Heavy Mud

Spotted 40 sxs
2410'~2347'

<P&A SUBSEQUENT SUNDRY>

Shot 8.625" Several Times
Finally Parted @ 2410'
& Pulled Casing

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Following is a report on the work done and the results obtained under the heading noted above at the
Stanolind Oil & Gas Co., Terry Tract 1 Well No. 26 in the
County of Santa Fe, State of New Mexico.
The date of this work was as follows: 3 February 1946 to 13 February 1946
The nature of the work was as follows: (Cross out incorrect words.)
The nature of the work was as follows: (Cross out incorrect words.)
The nature of the work was as follows: (Cross out incorrect words.)

2.3 4250. Plug back to 4250. A cement plug was placed from 4071-4200, casing shot in
annulus placed and finally parted at 2410', 8-3/8" casing was then pulled and a
40-sack cement plug placed with the base at 2410'. The hole was then mudded with 11 tons
of heavy-mix slurry. A 40-sack cement plug was then spotted at 1500' (base) in 10-3/4" casing.
Twenty sacks cement was set as surface plug in casing and surface installed. Abandonment
completed February 13, 1946.

Witnessed by G. V. Campbell, Stanolind Oil & Gas Co., Fred Rasmussen
Submitted and sworn before me this 22nd day of February 1946
I hereby certify or affirm that the information given above
is true and correct.
My commission expires 4-23-48
Address Box 7, Santa Fe, New Mexico

Formation Fluid

APPROVED
Oil & Gas Inspector

Spotted Cement from
4200-4027'

Production Casing

8.625", 36# csg. (Assumed 9.875" Hole) @ 4071'
75 sxs El Toro - TOC @ 3526' by Calc.

TOL 4042'

4071'

Perfs 4204'-08',
4228'-33' and 4243'-53'
Perfs Tested
and Immediately Plugged.
DTD @4185'

Production Liner

5.5", 14.0# J-55 csg. (Assumed Hole 7.875") @ 4208' w/
TOC @ 3773' (Top of Lnr.)
(Deepened Well to 4250' and Set Liner 6/08/1945)

4208'

TD @4250'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/09/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.82**

API 30-025-07664

2310' FSL & 2310' FWL, SEC. 9-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 4/20/1962
 Convert to Inj: 11/18/1975
 TA Date: 12/03/1997
 P&A Date: 7/02/2003

Well plugged by:
 Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs @ 382'
 Circulate 126 sxs

Sqz Perfs @ 1600'
 Sqz w/ 35 sxs
 Tagged @ 1490'

Loaded Hole w/
 Heavy Plugging Mud

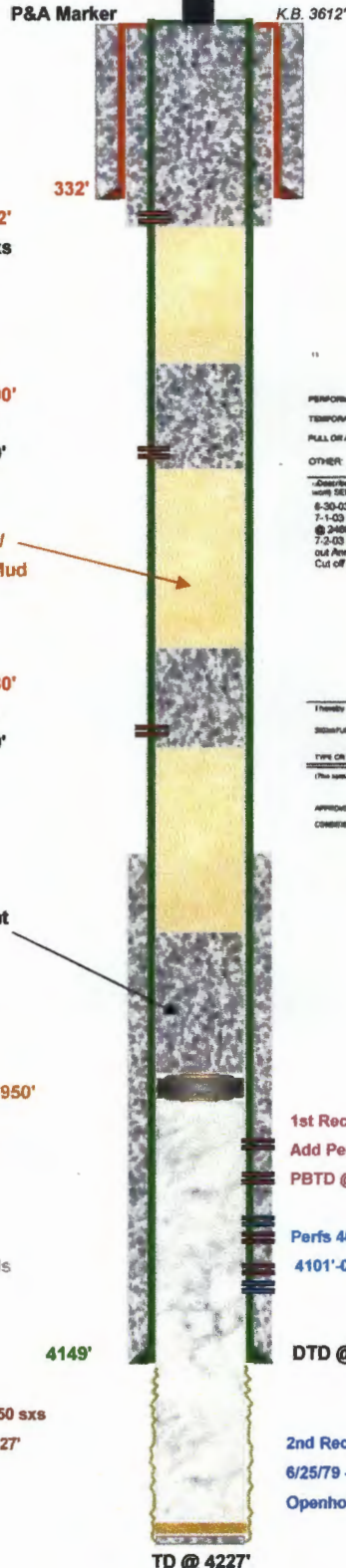
Sqz Perfs @ 2680'
 Sqz w/ 35 sxs
 Tagged @ 2460'

Spot 25 sxs Cmt
 3950'-3972'

Set P&A CIBP @ 3950'

Formation Fluids

Remedial Sqz - Openhole w/ 550 sxs
 thru CICR @ 4134' & D/O to 4227'
 Return to Injection 6/02/83



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24# J-55 csg. (12.25" Hole) @ 332'
 200 sxs Halliburton - Circ. 50 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1105
 6-30-03 Set CIBP @ 3950'
 7-1-03 Circulate Hole Salt Gel Mud. Spot 25 sxs Class C 3950'-3972'. Perforate 4 SPF @ 2680' Squeeze 35 sxs Class C WOC. Tag Plug @ 2460'
 7-3-03 Perforate 4 SPF @ 1600' Squeeze 35 sxs Class C WOC. Tag Plug @ 1490' Perforate 4 SPF @ 382' Circulate 126 sxs Class C out Perforate & Littered Casing Full Cut off & Install Dry Hole Marker

Approved as to plugging of the Well Bore.
 Liability under bond is retained until
 surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNATURE: *Boff* TITLE: *Plg Supervisor* DATE: *22-03*
 TYPE OR PRINT NAME: *Boff* TELEPHONE NO: *439-7879*
 (This section for Signatory)
 APPROVED BY: *Henry* TITLE: *OC FIELD REPRESENTATIVE* N/STAFF NAME: *07 2603*
 CONSIDERED OF APPROVAL: *07 2603*

Production Casing

4.5", 9.5# J-55 csg. (7.875" Hole) @ 4149'
 430 sxs Halliburton - TOC @ 2977' by CBL

1st Recom for Injection 11/18/75
 Add Perfs 4029'-31'; 46'-48', 88'-92', 4115'-17'
 PBTD @ 4167' w/100 mesh + Cal Seal

Perfs 4053'-60', 65'-71', 77'-79',
 4101'-09', 20'-24' (2 jspf)

DTD @ 4150'

2nd Recom to Increase Injection
 6/25/79 - Deepened to 4227' & Acidize
 Openhole 4149'-4227'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/20/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.81

API 30-025-07666

2310' FSL & 660' FWL, SEC. 9-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 12/09/1958

TA Date: 9/06/1991

P&A Date: 6/27/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Sqz Perfs @ 380'
Circulate 107 sxs
to Surface

Sqz Perfs @ 1600'
Sqz w/ 40 sxs
(Tagged @ 1489')

Spot 25 sxs Cement
2630'-2483'
(Tagged @ 2514')

Loaded Hole w/ Salt Gel Mud

Sqz Perfs @ 2680'
Held 1700 psi

Spot 25 sxs Cement
4065'-3818'

CIBP @ 4065' w/ 2 sxs Sand
(Set for 1991 TA Status)

Formation Fluids

Surface Casing

8.625", 28.0# csg. (11.0" Hole) @ 297'
150 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| | | REMEDIAL WORK | ☐ |
| | | ALTERING CASING | ☐ |
| | | COMMENCE DRILLING OPS | ☐ |
| | | PLUG AND ABANDONMENT | ☒ |
| | | CASING TEST AND CEMENT JOB | ☐ |

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.
6-25-03 Tagged CIBP @ 4065'. Circulate Hole with Salt Gel Mud. Spot 25 sxs Class C 4065'-3818'. Perforate 4 SPF @ 2980'. Not Able to pump in @ 1700PSI.
6-26-03 Spot 25 sxs Class C 2730'-3485' WOC. Tag Plug @ 2514'. Perforate 4 SPF @ 1600'. Squeeze 40 sxs Class C. WOC.
6-27-03 Tag Plug @ 1489'. Perforate 4 SPF @ 380'. Circulate 107 sxs Class C to Surface in Annulus & Leave Casing full.
Cut off & Install Dry Hole Marker

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.
SIGNATURE: *[Signature]* TITLE: *[Signature]* DATE: 6-27-03
TYPE OR PRINT NAME: *[Signature]* TELEPHONE NO: 432-637-7375
APPROVED BY: *[Signature]* TITLE: OCS FIELD REPRESENTATIVE / STAFF MANAGER
DATE: AUG-07-2003

Production Casing

5.5", 15.0# csg. @ (7.75" Hole) 4163'
175 sxs TOC @ 3237' by Calc.

Perfs 4110'-27', 45'-51' (2spf)

4163'

TD @ 4163'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/21/2012

PLUGGED WELL SCHEMATIC **State A-2 RA/A Well No.34**

API 30-025-22754

660' FNL & 660' FEL, SEC. 9-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 9/16/1968

Well TA'd: 5/1969

P&A Date: 5/19/1980

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

R.D.B. 3620'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot Cement
 20'-0' 416'

Mud Ladened Fluid

Sqz Perfs @ 1300'
 w/ 500 sxs CICR @ 1250'

Sqz'd Perfs @ 3265'-3302'
 w/ 400 sxs CICR @ 2204'

Cut & Pulled 5.5" @ 3902'
 Spot Cmt 4060'-3830'

4354'

Spotted 25 sxs
 5450'-5250'

Formation Fluid

7929'

PBTD @ 7920'

DTD @ 8812'

Surface Casing

13.375" 48#, H-40 csg. (17.5" Hole) @ 416'
 425 sxs Class 'C' - Circulated

Recompletion 3/30/80

S Rvrs Perfs 3265'-72' and 3293'-3302'

Intermediate Casing

9.625" 32.3 & 36# H-40 csg. (12.25" Hole) @ 4354'
 1000 sxs Incor & 300 sxs Neat C
 TOC @ 1882' Calculated

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data | | SUBSEQUENT REPORT OF: | |
|--|--------------------------|-----------------------|--------------------------|
| NOTICE OF INTENTION TO: | | | |
| Plugged and abandoned | ☐ | Recompletion | ☐ |
| Recompletion | ☐ | Recompletion | ☐ |
| Recompletion | ☐ | Recompletion | ☐ |
| Recompletion | ☐ | Recompletion | ☐ |
| Recompletion | ☐ | Recompletion | ☐ |

1. Describe the Program or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting new proposed work) PER RULE 120.

Plugged and abandoned per the following procedure:

Ran a cement retainer set at 2204'. Squeezed perfs 3265'-3302' with 400 SX Class C cement. Perforated 9-5/8" casing at 1300' with 4 JSPF. Ran a cement retainer set at 1250'. Squeezed with 500 SX Class C cement. Reversed out 20 SX. Load hole with mud laden fluid. Spotted a 20' cement surface plug. Erected permanent P X A marker. Will advise when location is ready for final inspection.

2. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

| | | | | | |
|-----------|----------------------|-------|----------------|--------|---------|
| NAME | Bob Davis | TITLE | Admin. Analyst | DATE | 5-19-80 |
| SIGNED BY | John H. Hester | TITLE | OIL & GAS | DATE | |
| COMPANY | AMOCO PRODUCTION CO. | STATE | 1-Hou | 1-Susp | 1-80 |

Paddock Perfs 5388'-92'

Paddock Perfs 5487'- 5564'
 CIBP @ 5580'

CIBP @ 5820' to Abandon Lower Zones

Blinbry Perfs 5876'- 5909' and 5948'-96' and 6010'-79'

Drinkard Perfs 6894'- 6918' and 6802'-66' and 6771'-87'

Abo Perfs 7512'-62'

Production Casing

5.5" 14.0-17.0# J-55 csg. (7.25" Hole) @ 7929'
 1650 sxs Class 'C' - TOC @ 3551' Calculated

Plugged Dry Zone w/ 100 sxs

PLUGGED WELL SCHEMATIC

State 'A' Well No.41

(Formerly South Hobbs (GSA) Unit Well No.74)

API 30-025-23416

1650' FNL & 1650' FEL, SEC. 9-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 01/09/1970

P&A Date: 1/27/1987

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

R.D.B. 3612'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Shot Sqz Perfs @ 500'
Sqz down Csg w/ 213 sxs
Circulate to 22 sxs to Surface

10# Mud

Spot 25 sxs Cement
2614'-2432'

CIBP @ 3000' Cap w/ 35' Cmt

Formation Fluids

2nd Recomp

S Rvrs Perfs 3194'-3202', 3220'-26', 54'-63' and 3290'-3300'

Sqz'd GSA Perfs thru CICR

Set @ 3960' w/ 250 sxs

1st Recomp - Added Perfs

3996'-4078' and 4128'-98'

GSA Perfs 4109'-17' and 4207'-21'

4222'

TD @ 4222'

Surface Casing

8.625", 28.0# csg. (12.25" Hole) @ 307'
250 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUCCESSION REPORT OF:

| | | | |
|------------------------|------------------|-----------------|------------------|
| STANDARD NOTICE | PLUG AND ABANDON | STANDARD NOTICE | ALTERNATE CASING |
| APPROPRIATELY ASSIGNED | CHANGED PLUG | STANDARD NOTICE | PLUG AND ABANDON |
| WAS OR ALTER CASING | OTHER | STANDARD NOTICE | OTHER |

Complete Preparation of Completion Operations (Lubricity, hole and pressure control, and give pressure control, including estimated date of starting and proposed work) SEE RULE 17B.

MT and RUSU 1-27-87. Kill well with 30 BW. Install BOP and R 5-1/2" CIBP. Set at 3000 ft. and RIH with 3-1/2" dump bailer. Cap CIBP with 35 ft cement. Run tubing to 2950. Displace hole 75 bbl 10# mud. Pull tubing to 2614 ft. Spot 25 sxs class C cement 2614 ft. RIH with 4" casing gun. Perf 500-501 4 JSPF. Circulate out of 8-5/8" annulus 2BPM 200#. Cement down casing with 213 sxs class C displace 1/2 bbl mud. Circ 22 sxs cement. Cut off wellheads and erect P&A marker. Clean up location. RD and WDSU 1-29-87.

I hereby certify that the information herein is true and complete to the best of my knowledge and belief.

By S. Brownlee Administrative Analyst Date 2-11-87

Witnessed by R. H. H. H. Date MAY 12 1987

Division of Petroleum, LP 0000

Production Casing

5.5", 14.0# csg. @ (7.875" Hole) 4222'
475 sxs Incon Neat - TOC @ 1708' by Calc.

**SECTIONS
10 & 11**

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.92

API 30-025-07673

660' FSL & 660' FWL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/15/1932

Convert to Inj.: 12/20/1975

TA Date: 12/10/1997

P&A Date: 10/20/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:
Surface
45 sxs 129'
400' - 0'

P&A Marker

D.F. 3599'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

16.0" 70# csg. (19.75" Hole) @ 129'
170 sx El Toro - Circulate to Surface

Hole loaded w/ Plugging Mud

<P&A SUBSEQUENT SUNDRY>

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | COMMENCE DRILLING OPS | ☐ |
| OTHER: | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| | | ALTERING CASING | ☐ |
| | | PLUS AND ABANDONMENT | ☒ |

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

1502003 Tagged existing CIBP @ 4060' Circ. well w/ plugging mud. Spot 25 sxs of cement @ 4060'. Tagged @ 3810'
1021003 Spot 25 sxs of cement @ 3276' Tagged @ 3002'. Spot 25 sxs of cement @ 1667'. Tagged @ 1353'.
1022003 Spot 45 sxs of cement 400' surface.

Cut off wellhead and anchors T BGL. Capped well. Installed dry hole marker.

Approved as to plugging of the Well Box.
Liability under bond is retained until
surface restoration is completed.



| | |
|----------------------|----------------|
| DATE | 10-22-03 |
| TITLE | P&A Supplement |
| DATE OF PREP | 10-22-03 |
| DATE OF REVIEW | 10-22-03 |
| DATE OF APPROVAL | 10-22-03 |
| DATE OF COMPLETION | 10-22-03 |
| DATE OF CLOSURE | 10-22-03 |
| DATE OF REMOVAL | 10-22-03 |
| DATE OF REPAIR | 10-22-03 |
| DATE OF RESTORATION | 10-22-03 |
| DATE OF SURVEILLANCE | 10-22-03 |
| DATE OF MONITORING | 10-22-03 |
| DATE OF INSPECTION | 10-22-03 |
| DATE OF TESTING | 10-22-03 |
| DATE OF ANALYSIS | 10-22-03 |
| DATE OF REPORTING | 10-22-03 |
| DATE OF ARCHIVING | 10-22-03 |
| DATE OF DESTRUCTION | 10-22-03 |

Spot 25 sxs
1667'-1353' Tagged

1617'

Sqz Perfs 1090'

Sqz w/ 550 sxs cement

Sqz Perfs 1555'

Sqz w/ 500 sxs cement

Remedial work 9/81

Intermediate Casing

10.75" 45.5# csg. (13.75" Hole) @ 1617'
200 sxs El Toro - 985' Calculated

Spot 25 sxs
3276'-3032' Tagged

Spot 25 sxs
4060'-3816' Tagged

CIBP @ 4020'
(Set for 12/97 TA Status - Tagged
@ 4060' during P&A Ops)

4034'

Remedial
Sqz Perfs below CIBP @ 4100'

2nd Recomp
Perf 4120'-50' / Rtn to Injection

4220'

1st Recomp

Perfs 4044'-52', 58'-80', 68'-70',
74'-86', 94'-4100', 22'-27', 31'-35',
62'-70', 72'-80' and 86'-94'

Production Casing (Original)

8.625" 36.0# csg. (9.875" Hole) @ 4034'
150 sx El Toro - TOC @ 2943' Calculated

Production Casing (Ran 9/81)

5.5" 17.0# csg. (8.625" Hole) @ 4220'
2 Stg Cmt w/ DV @ ~3200' - 225 sxs / 500 sxs
Circulated 119 sxs to pit

Openhole 4025'-4220' (Original Completion)

TD @ 4220'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.94**

API 30-025-07674

330' FSL & 2310' FWL, SEC. 10-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 4/14/1930

TA Date: 7/10/1991

P&A Date: 11/21/1997

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 53 sxs
 168'-0'

P&A Marker

G.L. 3588'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

16.0", 70.0# csg. (19.5" Hole) @ 118'
 75 sxs El Toro - Cement to Surface

Intermediate Casing

10.75", 45.5# csg. (13.75" Hole) @ 1668'
 75 sxs El Toro - TOC @ 1475' Calc

Spot 50 sxs
 1803'-1612' (Tagged)

Shot Sqz Holes @ 1735'
 Held 1400 psi

Spot 35 sxs
 2860'-2720' (Tagged)

Shot Sqz Holes @ 2800'
 Held 1200 psi

Mud Ladened Fluid
 Between Plugs

Spot 35 sxs on Existing CIBP
 3946'-3808'
 CIBP @ 3950'
 Set for 1991 TA Status

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| | | REMEDIAL WORK | ☐ |
| | | ALTERING CASING | ☐ |
| | | COMMENCE DRILLING CPUS | ☒ |
| | | CASING TEST AND CEMENT JOB | ☐ |
| | | OTHER | ☐ |

- 1) 11/18/97 OGD NOTIFIED, P&A INTENT, RIN W/2-3/8" WORKSTRING, TAG CIBP @3946'.
- 2) 11/18/97 PUMP MLF 32V.
- 3) 11/19/97 OGD NOTIFIED, CAP CIBP W/35 SXS (C) CMT 3946'-3808'.
- 4) 11/19/97 PERP & HOLES @ 2800', 8-5/8" PER @ 2552', PSI TO 1200# HOLDING, OGD NOTIFIED SPOT 35 SXS "C" IN 8-5/8" 2860'-2722'.
- 5) 11/20/97 SET PER 1500', TAG TOC 2720', OGD NOTIFIED, PERP 1735', PSI 1400#, NOTIFIED OGD UNABLE TO SQ., SPOT 50 SXS "C" CMT IN 8-5/8" FROM 1803'-1806'.
- 6) 11/21/97 TAG CMT @ 1612', OGD NOTIFIED, PUMP 80 BBLs MLF, SPOT 53 SXS "C" CMT FILL 8-5/8" CSG FROM 168' TO SURFACE & CAP.
- 7) 11/21/97 CUT OFF WELL HEAD, INSTALL DRY HOLE MARKER.

I hereby certify that the information above is true and correct to the best of my knowledge and belief.

Signature: *James L. Bagley* Title: P&A Supervisor Date: 11/21/97

Typed Name: James L. Bagley Telephone No: 915-530-0907

(This space for Date Used)

Approved by: *Johnny Robinson* Title: DATE:

Production Casing

8.625", 36.0# Csg (9.875" hole) @ 4016'
 75 sxs El Toro - TOC @ 3471' Calc

Openhole 4016'-4177'

TD @ 4177'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.69**

API 30-025-07677

660' FNL & 990' FEL, SEC. 10-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 5/02/1957

Note: TA'd from 1957-'61

Convert to Inj.: 11/11/1975

P&A Date: 2/21/1992

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

R.D.B. 3614'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Surface Casing

8.625", 28.0# csg. (12.25" Hole) @ 306'
 260 sxs - Circulated to Surface

Shot Sqz Perfs @ 360'
 Sqz down Csg w/ 130 sxs
 Circulate to Surface

Shot Sqz Perfs @ 1840'
 Sqz w/ 75 sxs
 thru CICR @ 1759'

CIBP @ 2816'
 Cap w/ 35' Cmt

Formation Fluids

CIBP @ 3240'
 Cap w/ 35' Cmt

CIBP @ 4100' Cap w/ 50' Cmt
 (Set for S Rvrs Completion)

Remedial - 8/22/83 - Sqz Lower Perfs
 thru CICR @ 4205' w/ 200 sxs
 D/O to 4285' & Acidize Open Perfs

2nd Recomp - SanDril Perfs - Same Interval
 Perfed 4123'-26', 35'-38', 43'-46', 52'-55',
 4159'-52', 66'-69', 77'-80' and 4185'-88'
 3rd Recomp - Added Perfs 4223'-28'
 & Acidize all open perfs.

4rd Recomp - D/O to 4285'
 Added Perfs 4248'-52', 62'-66' PBDT 4285'
 Convert to Injection 11/11/1975

4360'

TD @ 4360'

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |
| | | ALTERING CASING | ☐ |
| | | COMMENCE DRILLING OPER. | ☐ |
| | | PLUS AND ABANDONMENT | ☒ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE 511.3 1100.

2/19/92 NE & NW. Dig out caller & LG rods & tbg.

2/20/92 RIE & WL & set CIBP @ 3240' & cap w/35' cement. Set CIBP @ 2816' & cap w/35' cement. Perf 1840' - 1861', 4 SFF. POB & WL.

2/21/92 Setb. inj. rate & 2 BPM & 1450 psi. Set cement retainer @ 1759' & pump 75 ss. Cl. C neat cement. Displace tbg. & PO of cement retainer. RIE & WL & set CIBP @ 400'. Perf 360' - 361', 4 SFF. Pump down 3-1/2" casing & between 3-1/2" casing and 8-5/8" casing. Pump 130 ss. Cl. C neat & circ. 10 ss. Cut off wellhead & install pna marker.

WD & YD.

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

Signature Mark Stephens Title Business Analyst (SG) Date 9/30/97

Signature Mark Stephens Title Business Analyst (SG) Date (281) 552-1159

(This space for the District Supervisor's Signature)

ORIGINAL SIGNED BY CHAS WILLIAMS
 DISTRICT SUPERVISOR

DATE OCT 10 1997

ICJ

5th Recomp - S Rvrs Comp
 Set CIBP at 4100' & Cap w/ 50' Cmt
 Perf 3290'-3302', 3214'-24',
 3350'-60' and 86'-94'

Production Casing

5.5", 14.0# csg. @ (7.875" Hole) 4360'
 1600 sxs Howco - TOC @ 1708' by Calc.

1st Recomp (Sqz's interval below)
 Perfed 4122'-28', 42'-50' and 4158'-60'
 Well TA'd After No Oil Show n 1957

Original SA Perfs 4313'-20', 32'-37' and 4350'-60'
 (Immediately Sqz'd and reperfed above interval)

SOS Consulting, LLC

Drawn by: Ben Stone, 3/27/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.77**

API 30-025-07680

1980' FNL & 1980' FWL, SEC. 10-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 11/29/1932
 P&A Date: 12/04/1986

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 30 sxs
 160'-0'

Shot Sqz Holes @ 500'
 Sqz w/ 300 sxs
 thru CICR @ 1476'
 Circulate 30 sxs to Surface

Pumped 30 bbls Mud

Shot Sqz Holes @ 1676'
 Sqz w/ 750 sxs
 thru CICR @ 1476'
 Circulate 42 sxs to Surface

Pumped 70 bbls Mud
 (~2100' Displacement)

Sqz OH w/ 200 sxs
thru CICR @ 3904'
 R/O 13 sxs



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
 16.0", 70.0# csg. (19.5" Hole) @ 202'
 75 sxs El Toro - Cement to Surface

Intermediate Casing
 10.75", 45.5# csg. (13.75" Hole) @ 1576'
 75 sxs Incor - TOC @ 1475' Calc

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data | | SUBSEQUENT REPORT QP: | |
|--|--------------------------|-----------------------|--------------------------|
| NOTICE OF INTENTION TO: | | | |
| CONDITIONS REVEALED | ☐ | PLUG AND REPAIR | ☐ |
| SPONTANEOUSLY OCCURRED | ☐ | REPAIRS OR REPAIRS | ☐ |
| DATA ON OTHER CASING | ☐ | REPAIRS OR REPAIRS | ☐ |
| OTHER | ☐ | OTHER | ☐ |

11. Describe Treatment or Completion Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work) (SEE FORM 11-1)

WIRU-SU 12-4-86. Install BOP. POH production equip. Pump 200 bbls 10# brine and unable to circulate. RIH w/cement retainer and set at 3904'. Cement w/50 sacks Class C and 100 sacks Class C. 44/sack Tuff plug. 50 sx Class C. Disp 10 bbls water. Sting out of retainer and reverse out 13 sacks cement. Pump 70 bbl mud. Run 4" casing gun. Perf 1676-77 4 SPF. Pump down casing, 3 BPM at 300#. Circulate out. RIH w/6-5/8" cement retainer. Set at 1475 ft. Casing would not test. RIH w/6-5/8" Lok-set packer to 94 ft. Packer would not set. POH w/packer. Pump 3 bbls dyed water down casing and circulate water out. Run stinger and sting into retainer at 1475'. Cement 720 sacks Class C cement and disp 5 bbls water. Circulate 42 sacks cement. Pull up to 526 ft. Run tubing and tag up 48 ft. RIH w/5-3/8" bit and drill out stinger from 48 to 52 ft. Tag cement to 1445 ft. Pump 30 bbl mud. RIH w/4" casing gun and perf 500-501 4 SPF. Unable to circulate out surface at 1000#. Spot 200 gallons 15% acid. Pump 15 bw down casing at 1.4 BPM at 1000#. Establish injection rate down casing at 3 BPM at 750#. Circulate out surface riser and pump 300 sacks Class C 2S C&C. Disp 2 bw. Circulate 30 sacks cement. Pull to 63 ft and spot a 30 sack cement plug to surface. Cut off wellhead and install P&A marker. RMD-SU 12-11-86.

| | |
|--|---|
| 12. I hereby certify that the information above is true and complete to the best of my knowledge and belief. | |
| by <u>Steve Brownlee</u> | Admin. Analyst date <u>12-16-86</u> |
| checked by <u>R. J. J. J.</u> | OIL & GAS INSPECTOR date <u>JAN 23 1987</u> |
| Continuation of Appendix, if any | |

Production Casing
 6.625", 26.0# csg. (9.875" Hole) @ 4000'
 250 sxs El Toro - TOC @ 3471' Calc
 (Note: Amoco called this 6.375" Csg)

Openhole 4000'- 4201'

TD @ 4201'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.78

API 30-025-07681

1980' FNL & 2310' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/08/1937

Convert to Inj.: 1/12/1976

TA Date: 12/01/1997

P&A Date: 11/24/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs 300'
Sqz's w/ 50 sxs
(No Circulation)

Spot 50 sxs Cmt
1701'-1195'

Plugging Mud
between cmt. plugs

Spot 50 sxs Cmt
3171'-2441' (Tagged)

Spot 50 sxs Cmt
4186-3592 (Tagged)

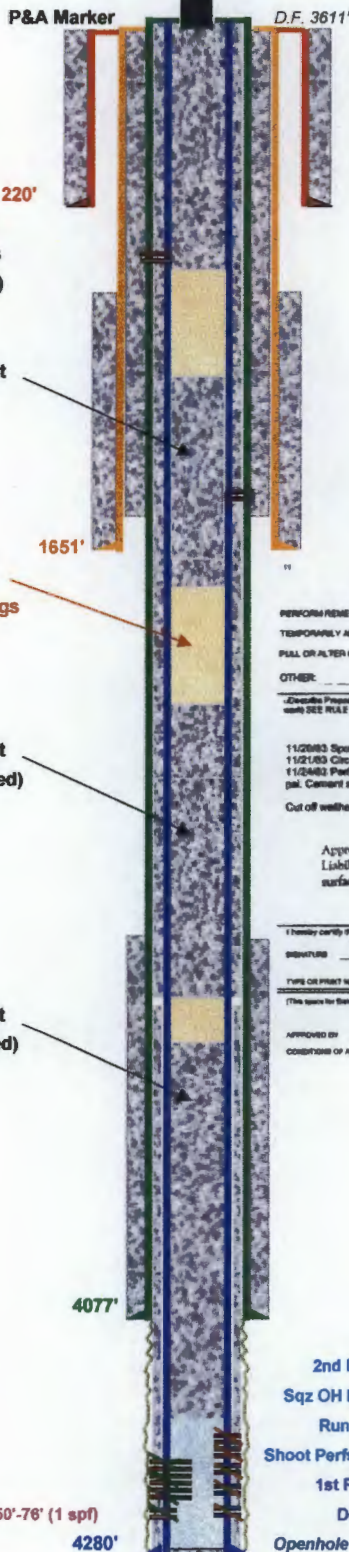
5th Recomp - Sqz ALL Perfs
thru CICR @ 4074' w/ 100 sxs
D/O & Perf 4190'-4226' - Rtn to Inj.
4th Recomp - Sqz ALL Perfs
thru CICR @ 4048' w/ 575 sxs
D/O & Clean Out to 4255'
Shoot Perfs 4190'-4226', 45'-52' (4 spf)

Return to Injection

3rd Recomp - Add Perfs to 4150'-76' (1 spf)

4280'

TD @4201' (D/O to 4270')



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

13.0", 40# Csg. (17.0" Hole) @ 220'
150 sxs - Circulated

Intermediate Casing

9.625", 36# Csg. (12.5" Hole) @ 1651'
350 sxs - TOC @ 726' Calculated

Remedial 10/22/81 - Shot Perfs @ 1654'

Sqz's w/ 345 sxs (RBP @ 4000')
(Circulated 72 sxs to surface)

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|-----------------------|------------------|----------------------------|------------------------|
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | REMEDIAL WORK | ALTERING CASING |
| TEMPORARILY ABANDON | CHANGE PLUGS | COMMENCE DRILLING OPER. | PLUG AND ABANDONMENT X |
| PULL OR ALTER CASING | | CASING TEST AND CEMENT JOB | |
| OTHER: | | OTHER: | |

(Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1303.

11/20/83 Spot 50 sxs of cement @ 4186'. Tagged TOC @ 3052'.
11/21/83 Circ. well w/ plugging mud. Spot 50 sxs of cement @ 3171'. Tagged TOC @ 2441'. Spot 35 sxs of cement 1701'-1195'.
11/24/83 Perf @ 3052'. Spot 25 sxs of cement 350'-surface. PCH. Separate 50 sxs of cement into perfs, no circ. @ surface. Close in w/ 500 psi. Cement stayed at surface.

Cut off wellhead & anchors 3' BGL. Cap well. Installed dry hole marker.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE *Robert G. Heath* TITLE *SR. Eng. Tech.* DATE *12-02-03*
TYPE OR PRINT NAME *Robert G. Heath* TELEPHONE NO. *397-9206*

(This space for State Use)
APPROVED BY *Chris Williams* OC DISTRICT SUPERVISOR/GENERAL MANAGER
COORDINATOR OF APPROVAL, IF ANY

Production Casing (Original)

7.0", 24# Csg. (8.75" Hole) @ 4077'
375 sxs - TOC @ 2808' - Reported.

Production Liner (Ran 1/06/84)

4.5", 10.5# Lnr. @ 4280' w/ DV @ 3171'
1st Stg - 110 sxs - Circ. 30 sxs.
2nd Stg - 300 sxs - Circ. 60 sxs.

2nd Recomp - Plug Back to 4178'

Sqz OH Interval w/ 650 sxs - D/O to 4255'

Run 4.5" Liner & Cmt as Spec'd

Shoot Perfs 4190'-4204', 22'-26', 45'-52' (4 spf)

1st Recomp - Convert to Injection

Deepen OH to 4270' 1/12/76

Openhole 4077'-4201' (Original Completion)

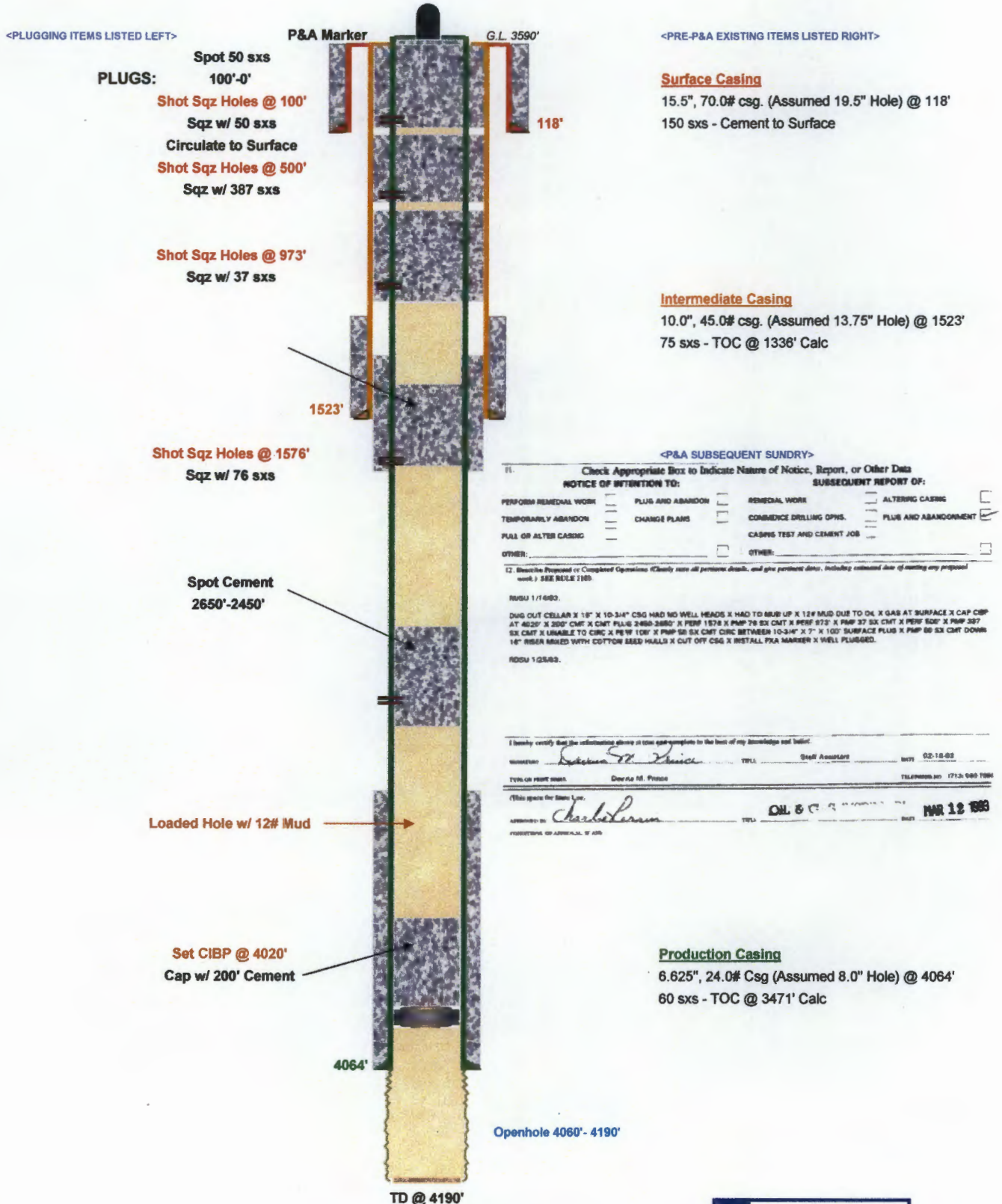
SOS Consulting, LLC

Drawn by: Ben Stone, 4/09/2012

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.96**

API 30-025-07682
 330' FSL & 2310' FEL, SEC. 10-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 4/24/1930
 P&A Date: 1/25/1993



PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.88

API 30-025-12724

1650' FSL & 2310' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/08/1929

Convert to Inj.: 12/18/1983

P&A Date: 3/14/2000

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 10 sxs
30'-0'

Sqz Perfs 260'
Sqz w/ 75 sxs
thru PKR @ 30'

Spot 30 sxs
1550'-1414'

Sqz Perfs 1500'
Held 1000 psi

Spot 25 sxs
2000'-1875' (Tagged)

Spot 25 sxs
2810'-2705'

Mud Ladened Fluid
between cmt. plugs

Spot 35 sxs on CIBP
4100' - ~3750'
CIBP @ 4100'
Circulate Hole w/ 10# Mud

Formation Fluids

P&A Marker

K.B. 3600'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50# csg. (Assumed 13.75" Holw) @ 210'
160 sx - Calculated to Surface - Not reported

Remedial Work 12/10/1975

Surface Sqz 12.5" x 9.0" w/ 1000 sxs

Intermediate Casing

9.0", 34# csg. (Assumed 9.625" Hole) @ 2720'
500 sxs - Calculated to Surface - Not reported

Remedial Work 10/02/1984

Shot Perfs 1500'-01'

Sqz w/250 sxs - Circ. 47 sxs

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | COMMENCE DRILLING OPS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103

03/08/08 - Notify OCD of intent to plug
03/10/08 - Set CIBP @ 4100'
03/10/08 - Mix and circulate 100 mud
03/10/08 - Spot 35 sxs cement on CIBP @ 4100'
03/10/08 - Spot 25 sxs cement @ 2810'
03/10/08 - Spot 25 sxs cement @ 2000'
03/13/08 - Tag plug @ 1875'
03/13/08 - Perf 4 holes @ 1500', pressured up to 1000 PSI and held
03/13/08 - Spot 30 sxs cement @ 1550'
03/13/08 - Perf 4 holes @ 260', set packer @ 30', squeeze 75 sxs cement, tag plug @ 120'
03/13/08 - Spot 10 sxs cement from 30' to surface
03/14/08 - Cut off well head, install dry hole marker, cut off anchors, clean location

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE: [Signature] TITLE: Key Energy Services, P&A Supervisor DATE: 03-14-08

TYPE OR PRINT NAME: Larry Wilson TELEPHONE NO. (915) 623-6185

Print name for State Use

APPROVED BY: _____ TITLE: _____ DATE: _____

COMPLETION OF APPROVAL, IF ANY

-CS GWW

Intermediate Casing

7.0", 24# csg. (Assumed 7.875" Hole) @ 3975' w/ 250 sxs
TOC @ 2976' by CBL

Remedial Work 10/02/1984 - Cmt Tie-Back w/ 500 sxs - Circ. 161 sxs

1st Recomp. - Plug back to 4156' (11/30/83)

Sqz OH w/ 100 sx - D/O to 4250'

Set 4.5" Lnr and Perf 4172'-80' **Production Liner**

4187'-92' and 4200'-08'

Acidize - Begin Injection

Original Comp OH 3975'-4170'

4.5", 10.5# csg. (Assumed Hole 5.625") @ 3781'

Cmt Lnr w/ 85 sxs - Circ. TOL

TOC @ Calc. to Top of Lnr.

4250'

DTD @4170' (D/O to 4250')

SOS Consulting, LLC

Drawn by: Ben Stone, 4/16/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.95

API 30-025-12726

990' FSL & 2310' FEL, SEC. 10-T19S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 6/09/1929

TA'd Status: 12/12/1997

P&A Date: 10/24/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 70 sxs
400'-0'

P&A Marker

G.L. 3590'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

15.5", 70# Csg. (Assumed 17.5" Hole) @ 111'
40 sx - Calculated to Surface - Not reported

Remedial Work 8/13/81

Shot Perfs 1665' Sqz w/ 475 sxs thru CICR @ 1568' & Circ. 20 sxs
Shot Perfs 500' Sqz w/ 400 sxs thru PKR @ 198', D/O & C/O

Intermediate Casing

10.25", 45# Csg. (Assumed 13.75" Hole) @ 1657'
100 sxs - TOC @ 1475' Calculated

Spot 45 sxs
1707'-1520' (Tagged)

1657'

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:

| | | | |
|-------------------------|------------------|----------------------------|------------------------|
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | REMEDIAL WORK | ALTERED CASING |
| TEMPORARILY ABANDON | CHANGE PLUG | COMMENCE DRILLING OPER. | PLUG AND ABANDONMENT X |
| PULL CEMENT/STIR CASING | | CASING TEST AND CEMENT JOB | |
| OTHER: | | OTHER: | |

*Check Box Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1105

102283 Tagged existing CIBP @ 4076'
102383 Spot 40 sxs of cement @ 4678'. Tagged @ 3452'. Circ. well w/ plugging mud. Spot 45 sxs of cement @ 1707'. Tagged @ 1520'
102453 Spot 70 sxs surface plug @ 400'-surface.

Cut off wellhead and anchors 3' BOL. Capped well. Installed dry hole marker.

Approved as to plugging of the Well Bore.
Liability under bond to retainer until
surface restoration is completed.



PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.93

API 30-025-12727

990' FSL & 2310' FWL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/07/1929

TA'd Status: 9/17/1992

P&A Date: 11/14/1997

Well plugged by:
Aktura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 25 sxs
35'-0'

Perf & Sqz @ 400' w/ 70 sxs
Tagged @ 242'

Spot 30 sxs
1744'-1626' (Tagged)

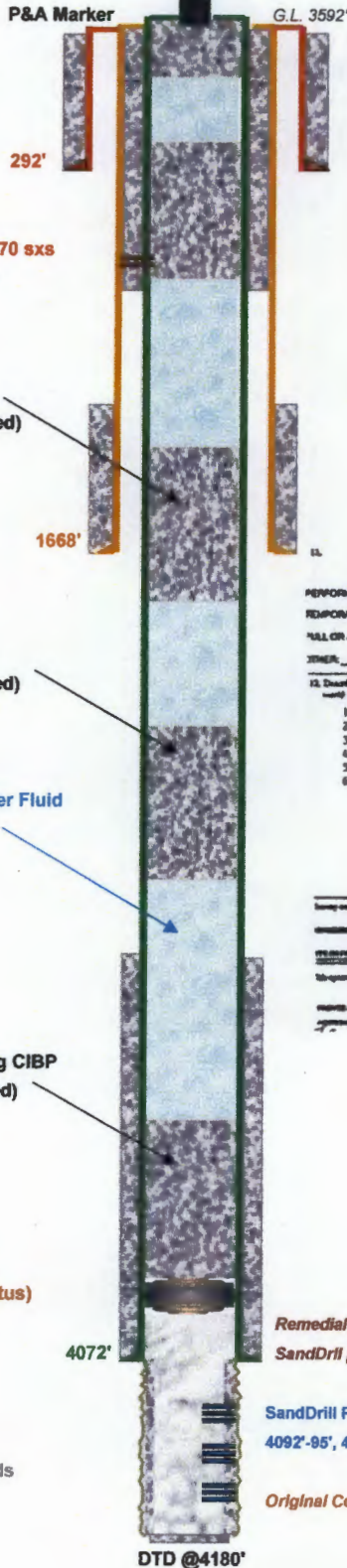
Spot 30 sxs
2718'-2600' (Tagged)

Circulate Hole w/ Packer Fluid
for TA Status

Spot 30 sxs on Existing CIBP
3960'-3842' (Tagged)

CIBP @ 4000'
(Set for 1992 TA Status)

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

15.5", 70# Csg. (Assumed 17.5" Hole) @ 292'
60 sxs - Calculated to 139'

Intermediate Casing

10.75", 45.5# Csg. (Assumed 13.75" Hole) @ 1668'
40 sxs - TOC @ 1568' Calculated

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| HALT OR ALTER CASINO | ☐ | CASINO TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1902.

- 1) TAG CIBP @ 2960 SPOT 30 SXS "C" IN CHT FROM 2960 TO 3842
- 2) H&P 30 SXS "C" IN CHT FROM 2718' TO 2600'
- 3) H&P 30 SXS "C" IN CHT FROM 1744' TO 1626'
- 4) PERF & SQZ 70 SXS "C" BESP TOC TO 242 TAG @ 243
- 5) H&P 25 SXS "C" IN CHT CAP FROM 35' TO GRD SURF.
- 6) INSTALL DRY LITTLE MARKER 11-14-97

I hereby certify that the information shown is true and accurate to the best of my knowledge and belief.

Signature: *James L. Bagley* Date: 11-14-97
Title: P & A SUPERVISOR

Signature: *James L. Bagley* Date: 11-14-97
Title: JAMES L. BAGLEY

Signature: *Elmer* Date: 2-01-01
Title: *Elmer*

Production Casing

8.625", 36# csg. (Assumed 9.875" Hole) @ 4072'
130 sxs - TOC @ 3127' Calculated

Remedial Work 8/22/83 - Sqz OH Interval w/ 100 sxs + .5 lb/sx Tuf-Plug
SandDrill perms as shown below - Acidize & Frac w/ 45,000# sand

SandDrill Perfs: 4063'-66', 69'-72', 77'-80', 84'-87'
4092'-95', 4102'-05', 11'-14' and 4116'-18'

Original Comp OH 4072'-4180'

SOS Consulting, LLC

Drawn by: Ben Stone, 4/25/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.79

API 30-025-20113

1980' FNL & 990' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/31/1963

P&A Date: 6/16/1993

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

R.D.B. 3609'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

5 sxs Ready Mix
20'-0"

Surface Casing

8.625", 24.0# csg. (12.0" Hole) @ 404'
225 sxs - Circulated to Surface

PLUGS:

Sqz Perfs @ 455'
Sqz w/ 170 sxs
Circulate 10 sxs
Tag @ 20'

Loaded Hole w/ Gelled Brine Mud

Spot 25 sxs Cement
2816'-2438'
(Tagged)

CIBP @3800' w/ 25 sxs Cmt
3800'-3641' (Tagged)

Formation Fluids

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | COMMENCE DRILLING OPNS. | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work.) SEE RULE 108

MRU-2-16-93. STUB IN PT X RIN X BIT X SCRAPER X TIE TO 2800'. POW X RIN X CIBP X TIG X SA 3600'. SPOT 25 SX CMT ON TOP OF CIBP X PTO. TEST CSG X CIBP X 800 PIR X DIE. TAG CMT 3641' X CIBP 4-1/2" CSG X 104 GEL BRINE MUD. PTO TO 2816 X SPOT 25 SX CMT PLUG FROM 2816' TO 2438'. POW X RIN X VA. X PIRP X 3-1/8" GUS X 4 SPP X 464-465'. PO X VA ESTD CIRC DOWN 4-1/2" CSG X PERFS UP BETWEEN 4-1/2" CSG X 8-5/8" CSG. PMP 170 SX CLASS C X CIRC 10 SX CMT X WOD. TAG CMT 30' FROM DUMP. MIX 3 SX READY MIX FOR SURF PLUG. CUT OFF WELLHEAD X WELD ON P&A MARKERS. CUT OFF DEAD MEN X ROADGU 8-21-93.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

DATE: 06-30-93

TYPICAL NAME: Domingo M. Ponce TITLE: Staff Assistant TELEPHONE NO: (713) 596-7080

(This space for Sign) *Domingo M. Ponce* OIL & GAS INSPECTOR DATE: AUG 24 1993

APPROVED BY: *[Signature]* TITLE: DATE:

COORDINATOR OF APPROVAL AND

Production Casing

4.5", 11.6# csg. @ (7.875" Hole) 4180'
275 sxs TOC @ 2860' by CBL

SanDrill Perfs 4116'-19', 25'-28', 31'-34',
4142'-45', 48'-51', 57'-60' and 85'-88' (2spf)

Openhole 4180'-94'

TD @ 4194'

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.89

API 30-025-21341

2310' FSL & 940' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/26/1965

Convert to Inj.: 12/31/1975

TA'd Status: 7/24/2002

P&A Date: 6/09/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

K.B. 3603'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

15 sxs Fill to Surface
75'-0'

Sqz Perfs @ 322'
Sqz w/ 125 sxs
Tag @ 75'
(Did not Circulate)

Spot 25 sxs Cement
1655'-1430'
(Tagged)
Sqz Perfs @ 1600'
Held 1000 psi

Loaded Hole w/ Mud Ladened Brine

Spot 25 sxs Cement
2730'-2510'
(Tagged)
Sqz Perfs @ 2680'
Held 1000 psi

Spot 25 sxs Cement
4035'-3788'

CIBP @4035'
(Set for 2003 TA Status)

Formation Fluids

4180'

TD @ 4235'

Surface Casing

8.625", 24.0# csg. (11.0" Hole) @ 272'
300 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |
| REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| COMMENCE DRILLING OPER. | ☐ | PLUG AND ABANDONMENT | ☒ |

6-4-03 Tag Existing CIBP 4035'. Pump M.B. Spot 25 sxs Class C 4035-3788' PCH.
6-5-03 Perforate 4 SPF 2680'. Not able to pump into perfs 1000 PSI. Spot 25 sxs Class C 2730-2483' WOC Tag plug 2510' Perf 4 SPF 1600'.
6-5-03 Not able to pump into perfs 1000 PSI. Spot 25 sxs Class C 1655-1408' WOC Tag plug 1430'. Perf 4 SPF 322'.
6-9-03 Pump 125 sxs Class C. No Cement to surface. WOC Tag plug 75'. Fillup 5-1/2" casing to surface w/ 15 sxs Class C. Cut off 3' below ground level Cap & install Dry Hole Marker.

Agreed as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify the information herein is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Gilbert TITLE SE Engr Tech DATE 7-10-03

TYPE OR PRINT NAME Robert Gilbert TELEPHONE NO. 392-8206

(This space for State Use)

APPROVED BY Hayward W. White TITLE OC FIELD REPRESENTATIVE / STAFF MANAGER AUG 07 2003

COMMISSIONER OF APPELLATE, IF ANY

Production Casing

5.5", 17.0# csg. @ (7.875" Hole) 4180'
300 sxs TOC @ 2860' by CBL

Perfs 4102', 07', 14', 22', 24', 31',
4140', 45', 47', 49', 63' and 65' (1 spf)

Openhole 4180'-4235'

SOS Consulting, LLC

Drawn by: Ben Stone, 4/28/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.97

API 30-025-22006

990' FSL & 990' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 1/12/1967
Convert to Inj.: 1/05/1976
TA'd Status: 12/03/1997
P&A Date: 10/28/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 45 sxs
400'-0'

316'

Spot 25 sxs
1650' - 1420' (Tagged)

Sqz Perfs @ 1600'
Held 1000 psi

Spot 25 sxs
2650' - 2305' (Tagged)

Sqz Perfs @ 2600'
Held 1000 psi

Loaded Hole w/ Plugging Mud

Tagged Existing CIBP @ 4028'
Cap w/ 25 sxs
4028' - 3781'

CIBP @ 4012' w/ 25 sxs Cmt
(Set for 1997 TA Status)

Formation Fluids

4215'

DTD @ 4215' (D/O to 4250')

P&A Marker

D.F. 3598'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# csg. (12.5" Hole) @ 316'
200 sxs - Circulated to Surface

Remedial Work 1/05/76 - Sqz Hole in Csg ~650'-80' w/ 250 sxs - Circ. Out 50 sxs
D/O & C/O to 4254' - Ready for Injection

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|---|---|--|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLUGS ☐ | COMMENCE DRILLING OPER. ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | | CASING TEST AND CEMENT JOB ☐ | |
| OTHER: ☐ | | OTHER: ☐ | |

*Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE PAGE 1105

10/27/03 Tagged existing CIBP @ 4028'. Circ. well w/ plugging mud. Spot 25 sxs of cement @ 4028'-3781'. Perf @ 2000' Held 1000 psi.
Spot 25 sxs of cement @ 2650' Tagged @ 2305'
10/28/03 Perf @ 1600' Held 1000 psi. Spot 25 sxs of cement @ 1600'. Tagged @ 1420'. Spot 45 sh surface plug 400' surface.

Cut off wellhead and anchors 3' BGL. Cap well. Installed dry hole marker.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

| | | | |
|--|-------------------------------|---|--|
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | DATE: 10-28-03 | |
| SIGNATURE: <i>[Signature]</i> | TITLE: <i>Perf Supervisor</i> | TELEPHONE NO. & J5-7579 | |
| PRINT OR PRINT NAME: <i>Gregory L. Wink</i> | | APPROVED BY: <i>[Signature]</i> | |
| (This space for Sign Line) | | NOV 10 2003 | |
| APPROVED BY: <i>[Signature]</i> | | OCCUPANT REPRESENTATIVE / STAFF MANAGER | |
| CONDITIONS OF APPROVAL, IF ANY | | | |

Remedial Work 8/28/83 - PB w/ Sand & CalSeal to 4209 & Sqz Perfs
w/ 325 sxs w/ CIBP @ 4164' - D/O & C/O to 4250' - Return to Injection

Production Casing

5.5", 15.5# J-55 Csg. (7.875" Hole) @ 4215'
300 sxs TOC @ 2627' Calculated

Recompletion

Perfs 4116'-22', 28'-30', 36'-40',
4148'-54' (2spf)

Perfs 4173'-4210' (Original Completion)

Openhole 4215'-50'

SOS Consulting, LLC

Drawn by: Ben Stone, 4/27/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.126

API 30-025-26121

1295' FSL & 1365' FWL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/28/1978

TA'd Date: 4/14/1992

P&A Date: 10/17/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.L. 3594'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 45 sxs
400'-0'

Plugging Mud
between cmt. plugs

Spot 12 sxs
1725'-1475'

Spot 25 sxs
1714'-1473'

Shot perfs 2680'
Held 1000 psi

Collapsed Csg. ~2274'
(Swedged thru w/ 7.5"
prior to running new liner)

Spot 25 sxs
2756'-2515'

Shot perfs 2680'
Held 1000 psi

Spot Cement
from 3689'-3434'
CIBP @ 3689' for 1992 TA Status

Additional Production Liner

5.5", 14.0# Lnr. w/ 700 sxs
Circ. Out 106 sxs

3rd Comp (Repair 2/18/84) - Collapsed Csg ~2274'
Parted rods & tubing in hole.
Multiple TIH to fish & eventually re'rvd
Set CIBP @ 4000' & run 5.5" liner to 3739'
D/O & C/O to 4225' - Rtn to Production

3974'

BOL 3739'
TOL 3758'

Surface Casing

11.75", 42.0# H-40 csg. (15.0" Hole) @ 1602'
660 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUS AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPER. ☐ PLUG AND REABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. SEE RULE 1105)

10/10/83 Tagged existing CIBP @ 3689'. Circ. well w/ plugging mud. Spot 25 sxs of cement @ 3675'-3434'.
10/17/83 Perf @ 2680' Pressured up to 1000 psi - Held. Spot 25 sxs of cement @ 2756'-2515' (No tag Grey Well C/O) Perf @ 3062'.
Pressured up to 1000 psi - Held. Spot 25 sxs of cement @ 1714'-1473'. Spot 45 sxs of cement 400'-surface.

Cut off wellhead and installed 3" BGL. Capped well. Installed dry hole marker.

Agreed as to plugging of the Well Bore.
Existing under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: *[Signature]* TITLE: *Lea Supervisor* DATE: *10-28-07*
TYPE OR PRINT NAME: *Bobby Green* TELEPHONE NO: *409-2374*
APPROVED BY: *[Signature]* OC FIELD REPRESENTATIVE R/STAFF MANAGER NOV 10 2003
CONDITION OF APPROVAL: _____ TITLE: _____ DATE: _____

Intermediate Casing

8.625", 32.0# Csg. (12.25" Hole) @ 3974' w/ 1200 sxs
Calculated to surface - Circ. 50 sxs

Production Liner

5.5", 14.0# Lnr. (7.875" Hole) @ 4257' Sqz w/ 155 sxs
Tie back to 8.625"

2nd ReComp - Sqz perfs 4041'-4179' w/ 450 sxs
D/O to 4175' - Set CIBP @ 4106' & Sqz w/ 100 sxs
D/O to 4240' - Spot 17 sxs; Set CIBP @ 4207'
Sqz w/ 100 sxs; D/O to 4243'

1st ReComp - Set CIBP @ 4185' & Sqz Exst Perfs w/ 150 sxs - R/O 125 sxs
Perf 4041' to 4179'

Original Comp - Perfs 4196' - 4240'

4257'

DTD 4257'

SOS Consulting, LLC

Drawn by: Ben Stone, 4/27/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.68

API 30-025-07679

660' FNL & 2310' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/15/1937
Convert to Inj.: 12/28/85
TA Status: 5/08/2002
P&A Date: 7/11/2012

Well plugged by:
Occidental Petroleum, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: 270' - 0'
Cmt Fill to Surf.
220'
Sqz Perfs @ 270'
Sqz w/ 85 sx

1748'-1044' (Tagged)
Spot 50 sx

3040'-2670' (Tagged)
Spot 30 sx

Circ. Hole w/
Mud Ladened Fluid

CIBP @ 4097'
Cap w/ 25 sx
Calc'd @ 3735'

Formation Fluids

P&A Marker K.B. 3611'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
12.75", 50# csg. (17.0" Hole) @ 220'
200 sx - Circulated

W/O - Remedial - Cmt Sqz / Recomplete to Injection: 12/28/85
Perf @ 340' Sqz w/ 500 sx; Perf @ 226' Sqz w/ 500 sx. - Circ.

Intermediate Casing
9.625", 36# csg. (12.25" Hole) @ 1659'
375 sx - TOC @ 561' Calc.

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|-----------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| SILL OR ALTER CASING | ☐ | MULTIPLE COMPL. | ☐ |
| DOWNHOLE COMMINGLE | ☐ | CASING/CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 110. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7/3/12 - MIBU. Unable to bleed off well due to strong flow

7/5/12 - Kill well w/ 15# mud
Set CIBP @ 4097'

7/9/12 - Circ hole w/ MLF. Cap BP w/ 25sx cmt - CTOC @ 3,735'
Spot 30sx cmt @ 3,840' - CTOC @ 2,606' - Tag @ 2,670'

7/10/12 - Spot 45sx cmt @ 1,748' - CTOC @ 1,097' - Tag @ 1,044'
Perf @ 270'

7/11/12 - Sqz 85sx cmt to surface.
Top off well. RDNO. Cut WH & anchors. Install P&A marker.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens TITLE: Remedial Compliance Analyst DATE: 8/3/12

Type or print name: Mark Stephens E-mail address: Mark_Stephens@ocp.com PHONE: (713) 366-5159

APPROVED BY: Mark Stephens TITLE: Compliance Officer DATE: 08-06-2012
Conditions of Approval (if any): ALS 9/8/2012

W/O - Remedial Cmt Sqz: 5/11/81: Perf @ 2952' Sqz w/ 750 sx.
Perf @ 2050' Sqz w/ 750 sx; Perf @ 1820' Sqz w/ 500 sx.
Perf @ 1500' Sqz w/ 300 sx; Perf @ 1500' Sqz w/ 150 sx.
D/O & C/O to 4226' - R'n to Production.

Production / Inter. Casing
7.0", 22# csg. (12.25" Hole) @ 4070'
350sx - TOC @ 3150' by CBL

Remedial / Recompletion 11/28/85: Convert to Injection;
Sqz OH Interval w/ 625 sx CIs 'C'/TiPIg/2%CaCl
Run 4.5" LNR - Set w/ 700 sx 'C'; Perf 4204'-21'; Cmc Inj.

Production Liner
4.5", 10.6# csg. (6.75" Hole) @ 4245'
700 sx 'C' - TOC @ 300' by CBL

Original Openhole
Completion 4070'-4201'

Perfs 4204'-21'
Orig DTD @ 4201'

TD @ 4226'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/08/2013

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.95

API 30-025-12726

990' FSL & 2310' FEL, SEC. 10-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 6/09/1929
TA Status Dt: 5/08/2002
P&A Date: 10/24/2003

Well plugged by:
Occidental Petroleum, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 70 sx
400' - 0'

P&A Marker

G.L. 3590'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

15.5", 70.0# Csg. (Assumed 17.5" Hole) @ 111'
40 sx - Circ. to Surface

Intermediate Casing

10.5", 50.0# Csg (Assumed 12.25" Hole) @ 1657'
100 sx - Circ. to Surface

Remedial 8/13/81: Ran CBL; Perf @ 1600' & Sqz w/ 475 sx Circ 20 sx to Surfa
Perf @ 500' & Sqz w/ 400 sx; Ran G/R & Temp; Return to Production

Spot 45 sx
1707'-1520' (Tagged)

1657'

<P&A SUBSEQUENT SUNDRY>

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 5-1-88

OIL CONSERVATION DIVISION

2540 Piedra St.
Santa Fe, NM 87505

WELL API NO
30-025-12726

Indicate Type of Lease STATE ☒ F&A

State Oil & Gas Lease No.

Lease Name on Unit Agreement Name

South Hobbs (GSA) Unit

Well No.

80

Well Name or Wellhead

Hobbs (GSA)

| | |
|--|--------------------------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | |
| Name of Well | Oil Well |
| Operator | Occidental Petroleum Ltd. |
| Address of Operator | 1817 Sheraline Pl. Hobbs, New Mexico |
| Location | |
| Section | 10 |
| Range | 10-E |
| Township | 10-S |
| County | Lea |
| State | New Mexico |

| | |
|---|--|
| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | |
| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
| PERFORM PERSONAL WORK | PLUG AND ABANDON |
| TEMPORARILY ABANDON | CHANGED PLUGS |
| PULL OR PLUG NEW CASING | REMEDIAL WORK |
| OTHER: | COMMENCE DRILLING OPERATIONS |
| | CASING TEST AND CEMENT JOB |
| | ALTERED CASING |
| | PLUG AND ABANDONMENT ☒ |

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

1502250 Tagged existing CIBP @ 4079'
1502250 Spot 40 sx of cement @ 4079'. Tagged @ 3452'. Circ. well w/ plugging mud. Spot 45 sx of cement @ 1707' Tagged @ 1520'
1502250 Spot 70 th surface plug @ 400'-surface.

Out of wellhead and anchors if BGL. Capped well. Installed dry hole marker.

Approved as to plugging of the Well Bore
Liability under bond is retained until
surface restoration is completed.



| | |
|---|------|
| I hereby certify that the information above is true and complete to the best of my knowledge and belief | |
| SIGNATURE | DATE |
| DATE OF PERMIT | DATE |
| APPROVED BY | DATE |
| OPERATOR'S REPRESENTATIVE | DATE |

Production / Inter. Casing

6.625" (7.0" Nom.), 23.0# csg. (8.75" Hole) @ 4078'
400 sx - TOC @ 1638' by Calc.

1st Recompl 7/26/84: Sqz OH & D/O to 4254'; Run 4.5" LNR; Perf 4170'-80' & 83'-98
Acidz w/ 4000 gals. 15% HCl NEA; Rtn to Prod.

2nd Recompl 9/03/84: Sqz LNR; Re-Perf 4170'-80' / Add Perfs 4183'-4208'; 4216'-25'
Acidz w/ 2500 gals. 15% HCl NEA; Rtn to Prod.

Production Liner

Orig. Comp OH 4078' to 4184' 4.5", 9.5# csg. (6.75" Hole) @ 4254'
Original DTD 4184' 100 sx Class 'C' - TOC @ 3605' (Top of Lnr.)

Spot 40 sx on CIBP
Tagged @ 3452'

TOL 3605'

CIBP @ 4079'
(Set for 2002 TA Status)

4078'

Formation Fluids

4254'

TD @ 4254'



Drawn by: Ben Stone, 3/13/2013

Pre-Ongard Well No.1

API 30-025-26330

330' FNL & 1830' FEL, SEC. 11-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/27/1979

P&A Date: 7/31/1979
(D&A Hole)

**Well plugged by:
Cola Petroleum, Inc.**

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 25 sx
348' - 279'

Spot 40 sx
380' - 348'

Spot 40 sx
880' - 760'

Shot & Pulled 5-1/2" @ 830'

Spot 10 sx
1700' - 1600'

*** Subsequent to plugging by operator, landowner made request to OCD district office on 1/19/1984 to cut marker 4' BGL to cultivate land. Approved by OCD District Supervisor. Request in well file.**

Spot 15 sx
2750' - 2650'

**Load Hole w/
10# Salt Gel Mud**

Cap w/ 4 sx - 20'

Set CIPB @ 3987*

K.B. 3608

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# Csg (11.0" Hole) @ 350'
260 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

[illegible]

MEXICO OR CONSERVATION COMMISSION

Form C-102
Supersedes 1004
C-102 and C-101
Effective 1-1-55

| | | | | | |
|--|------------------|-----------------------------------|----------------------------|--|--|
| SANITARY INDICES AND FLUENT GAS ANALYSIS
(See back of form for instructions and definitions of abbreviations)
(This report is to be made on each day of the investigation) | | | | 1. Well name and location | |
| BY: ☐ DAY ☐ NIGHT ☐ | COUNTY: Dry Hole | | 2. Number and date of case | | |
| A. Name of the well owner: | | | | B. Name | |
| C. Address of Owner: | | | | D. Well No. | |
| Suite 200 - 619 West Texas, Midland, Texas 79701 | | | | E. Name and phone no. of local agent | |
| F. Location of well | | | | H. Date and time of day of investigation | |
| 1. Well depth: H 1870 | | 2. Depth from top of water: H 310 | | 3. Name of the well | |
| 4. Name of the well: H | | 5. Name of the well: H | | 6. Name of the well: H | |
| 7. Name of the well: H | | 8. Name of the well: H | | 9. Name of the well: H | |
| 10. Name of the well: H | | 11. Name of the well: H | | 12. Name of the well: H | |
| 13. Name of the well: H | | 14. Name of the well: H | | 15. Name of the well: H | |
| 16. Name of the well: H | | 17. Name of the well: H | | 18. Name of the well: H | |
| 19. Name of the well: H | | 20. Name of the well: H | | 21. Name of the well: H | |
| 22. Name of the well: H | | 23. Name of the well: H | | 24. Name of the well: H | |
| 25. Name of the well: H | | 26. Name of the well: H | | 27. Name of the well: H | |
| 28. Name of the well: H | | 29. Name of the well: H | | 30. Name of the well: H | |
| 31. Name of the well: H | | 32. Name of the well: H | | 33. Name of the well: H | |
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| 88. Name of the well: H | | 89. Name of the well: H | | 90. Name of the well: H | |
| 91. Name of the well: H | | 92. Name of the well: H | | 93. Name of the well: H | |
| 94. Name of the well: H | | 95. Name of the well: H | | 96. Name of the well: H | |
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| 100. Name of the well: H | | 101. Name of the well: H | | 102. Name of the well: H | |
| 103. Name of the well: H | | 104. Name of the well: H | | 105. Name of the well: H | |
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| 109. Name of the well: H | | 110. Name of the well: H | | 111. Name of the well: H | |
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| 118. Name of the well: H | | 119. Name of the well: H | | 120. Name of the well: H | |
| 121. Name of the well: H | | 122. Name of the well: H | | 123. Name of the well: H | |
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| 130. Name of the well: H | | 131. Name of the well: H | | 132. Name of the well: H | |
| 133. Name of the well: H | | 134. Name of the well: H | | 135. Name of the well: H | |
| 136. Name of the well: H | | 137. Name of the well: H | | 138. Name of the well: H | |
| 139. Name of the well: H | | 140. Name of the well: H | | 141. Name of the well: H | |
| 142. Name of the well: H | | 143. Name of the well: H | | 144. Name of the well: H | |
| 145. Name of the well: H | | 1 | | | |

13. Breached Payment on Uninsured Carriers (Claims) some old payment records, and some payment is due, including estimated date of starting any payment made after May 1, 1976.

7/31/79 - Operation to F&A.
 Set CTRP # 4148*, capped with 4 sus (20") cnt.
 loaded hole with 100#/gal. grt salt mud.
 Set cnt. plugs: 2350 - 2450 cnt. with 15 sus.
 1700 - 1660 cnt. with 15 sus.
 Cut & pulled 5-1/2" w/42" from 830' on surface
 Set cnt. plugs: 880 - 760 w/40 sus
 380 - 348 w/40 sus
 348 - 279 w/25 sus
 Set marker and filled collar with cnt.

I declare under penalty of perjury that the information above is true and complete to the best of my knowledge and belief.

| | | | | | |
|-----------------------|--------------------------|-------|---------------------------------|------|----------------|
| DATE | <u>James E. Sullivan</u> | TITLE | <u>Supervisor of Operations</u> | DATE | <u>8/28/79</u> |
| <p> <u>Oil 5</u> </p> | | | | | |
| DATE | <u>John Sullivan</u> | TITLE | <u>Oil 5</u> | DATE | <u>8/28/79</u> |

Production Casing

5.5", 15.5# csg. (7.875" Hole) @ 4300'
200 sx - TOC @ 3241' Calc.

Perfs 4166' - 4205'

Perfs 4250' - 58'

4300°

DTD @3235'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/13/2013

**SECTIONS
14 & 15**

API 30-025-07686

Replug P&A Date: 3/08/1984

Drawn by: Ben Stone, 3/12/2013

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.98

API 30-025-07700

330' FNL & 330' FEL, SEC. 14-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 9/29/1962
Convert to Inj.: 1/15/1976
TA Status Dt: 12/08/1997
P&A Date: 7/07/2009

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz w/ 125 sx to Surf.
& Leave Hole Full

Sqz Perfs 353'

Spot 35 sx
1650' to 1232'
(Tagged)

Sqz Perfs 1600'
Could not pump into
(OCD OK'd to Spot Plug)

Sqz Perfs 2680'

Sqz w/ 35 sx
Tag @ 2463'

Circ. Hole w/
Salt Gel Mud

Spot 25 sx
3987' to 3609'

Set CIPB @ 3987'

(Well was TA'd w/ PKR in Hole)

Formation Fluids

P&A Marker

D.F. 3614'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 28.0# Csg (12.25" Hole) @ 303'
175 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

Submit 3 Copies
to Appropriate
District Office

STATE OF NEW MEXICO
Oil, Gas, and Conservation
Division

2048 Pennington St.
Santa Fe, NM 87505

1000 New Mexico Rd., Austin, TX 78701

OIL CONSERVATION DIVISION
Santa Fe, NM 87505

Form C-103
Revised 1-7-88

SUNDARY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well: ☒ OIL ☐ GAS ☐ OTHER

Name of Operator: Occidental Permian LTD

Address of Operator: 1017 W. Standford Rd. Hobbs, New Mexico

Well Location: 15 Section 10S Township 39N Range 30E

Well Name: Hobbs (GSA) Unit

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REPAIRS, WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERED CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPER. ☐ PLUG AND ABANDONMENT ☒

PULL OUT AND CEMENT JOB ☐ CEMENT TEST AND CEMENT JOB ☐ OTHER: ☐

Signature of Operator: *Handwritten Signature*

Date: 7-7-09

7-3-03 Set CIPB @ 3987'

7-4-03 Circulate Hole Salt Gel Mud. Spot 25 sx Class C 3987-3609'

7-7-03 Perforate 4 SPP @ 3680'. Sequence 35 sx Class C WOC. Tag Plug @ 2463'. Perforate 4 SPP @ 1802'. Could not pump into pack.

O.K. Buildup W/INWOC to spot plug.

7-8-03 Spot 35 sx Class C 1650'-1232' WOC. Tag Plug @ 1232'. Perforate 4 SPP @ 353'. Circulate 125 sx Class C up Annulus & leave casing full.

Out on & Install Dry Hole Monitor

Approved as to plugging of the Well Bv.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature: *Handwritten Signature* TITLE: P&A Supervisor DATE: 7-7-09

Typed Name: *Handwritten Name* TITLE: P&A Supervisor DATE: 7-7-09

Signature of Operator: *Handwritten Signature* TITLE: P&A Supervisor DATE: 7-7-09

Signature of Operator: *Handwritten Signature* TITLE: P&A Supervisor DATE: 7-7-09

Production Casing

4.5", 11.6# Csg. (6.75" Hole) @ 4153'
200 sx - TOC @ 3000' by Temp

2nd Recomp 6/19/91: Add Perfs 4080' & 4120'; Acidize & Rtn to Injection.

Perfs 4087'-89'; 4096'-97'; 4116'-20'; 4125'-26' (Original Completion)

1st Recomp 7/27/79: Deepen to 4260'; Acidize & Rtn to Injection.

TD @ 4155' Original

Openhole 4153' to 4260' (Recomp.)

SOS Consulting, LLC

Drawn by: Ben Stone, 3/12/2013

DTD @ 4260'

PLUGGED WELL SCHEMATIC **South Hobbs (GSA) Well No.101**

API 30-025-07688

990' FNL & 2310' FWL, SEC. 15-T19S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 4/20/1930

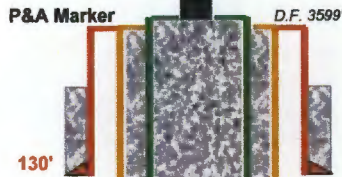
TA Date: 12/09/1997

P&A Date: 5/14/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 60 sxs
 187'-0'



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

16.0" , 70.0# csg. (Assumed 19.5" Hole) @ 130'
 50 sxs El Toro - TOC @ 52' Calc

Intermediate Casing

10.75" , 45.5# csg. (Assumed 13.75" Hole) @ 1647'
 75 sxs El Toro - TOC @ 1475' Calc

Remedial Work 3/01/80

Set CIBP @ 3901'. Sqz perms @ 3550' & CICR @ 3300'

Sqz w/ 500 sxs - TOC @ 2975' by Temp

Sqz perms @ 2840'; CICR @ 2745'; Sqz w/ 500 sxs; TOC 2546' Temp

Sqz perms @ 2456'; CICR @ 2346'; Sqz w/ 450 sxs; TOC 1780' Temp

Sqz perms @ 1640'; CICR @ 1536'; Sqz w/ 150 sxs; TOC 1490' Temp

Sqz perms @ 1450'; CICR @ 1350'; Sqz w/ 300 sxs; Circ to Surf

D/O All CICRs to 4257' @ 2745'; Sqz w/ 500 sxs; TOC 2546' Temp

Spot 55 sxs
 1700'-1460' (Tagged)

1647'

Spot 25 sxs
 2695'-2595'

Mud Ladened Fluid
 Between Plugs

Spot 25 sxs on Existing CIBP
 3912'-3812'
 CIBP @ 3912'
 Set for 1997 TA Status

4011'

Formation Fluids

Openhole 4011'- 4256'

PBDT 4256'

DTD @ 4178' - D/O to 4300'

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
|---|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | | OTHER: | |

5-13-03 Tagged existing CIBP @ 3812' Circ. well w/ M.L.F. Spot 25 sxs of cement @ 3812'-3812'. Spot 25 sxs of cement @ 2695'-2595'.
 Spot 55 sxs of cement @ 1700'. Tagged @ 1460'.
 5-14-03 Spot 60 sxs of cement @ 187'-surface.
 Cut off wellhead and anchors 4" BGL. Cap well. Install dry hole marker. Clean Location

Approved as to plugging of the well
 Liability under bond is retained
 surface restoration is complete

I hereby certify that the information above is true and correct to the best of my knowledge and belief.
 SIGNATURE: *Robert J. Lusk* TITLE: *SE Eng Tech* DATE: *6-16-03*
 TYPE OF PLUG: _____ TELEPHONE NO.: _____
 APPROVED BY: *Harry J. White* OC FIELD REPRESENTATIVE / STAFF MANAGER
 CONDITIONS OF APPROVAL, IF ANY: _____ DATE: *AUG 07 2003*

Production Casing

8.625" , 36.0# Csg (Assumed 9.875" hole) @ 4011'
 75 sxs El Toro - TOC @ 3466' Calc

SOS Consulting, LLC

Drawn by: Ben Stone, 4/30/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.102

API 30-025-07689

330' FNL & 2310' FEL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 4/22/1930

TA Status: 12/02/1997

P&A Date: 5/15/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 15 sxs
65'-0'

Sqz Perfs 225'
Sqz w/ 50 sxs
Tagged @ 65'

Spot 35 sxs
1665'-1435' (Tagged)

Sqz Perfs 1600'
Held 1000 psi

Spot 35 sxs
2730'-2505' (Tagged)

Sqz Perfs 2680'
Held 1000 psi

Mud Ladened Fluid
between cmt. plugs

Spot 35 sxs
3310'-3110' (Tagged)

Sqz Perfs 3257'
Held 1000 psi

Spot 35 sxs on CIBP
4036'-3712'
CIBP @ 4036'
Set for 1997 TA Status

Formation Fluids

P&A Marker

G.L. 3587'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50# csg. (Assumed 13.75" Hole) @ 164'
100 sx - Calculated to Surface - Not reported

Remedial Work 9/22/81

Plug & PKR to locate leak. Set CIBP @ 3800' w/ 15' sand
Set CIBP @ 3200' & Sqz w/ 450 sxs - Circ 64 sxs out Intermediate
Sqz perfs @ 225' & Sqz w/ 500 sxs Circ to Surf

Intermediate Casing

8.25", 32# csg. (Assumed 9.625" Hole) @ 3207'
600 sxs - Calculated to Surface - Not reported

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|-----------------------|--------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLUG | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER: | ☐ |
| OTHER: | | OTHER: | |

<Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE PAGE 1102.

5-15-03 Tag existing CIBP @ 4036' Circ. well w/ M.L.F. Spot 35 sxs of cement @ 4036'-3712' Perf @ 3257'

5-16-03 Pressured up on perfs to 1000 psi Spot 35 sxs of cement @ 3310' Tag @ 3110' Perf @ 2680'

5-19-03 Pressured up on perfs to 1000 psi. Spot 35 sxs of cement 2730' Tag @ 2505'

5-20-03 Perf @ 1600' Pressured up on perfs no injection rate Spot 35 sxs of cement @ 1665' Tag @ 1435'

Perf @ 214' Establish injection rate but no circulation to surface. Squashed 50 sxs of cement Tag @ 65'

6-21-03 Spot 15 surface plug 65'-surface

Approved as to plugging of the Well Bore. Liability under bond is retained until surface restoration is completed.

Cut off wellhead and anchors 3BGL. Cap well. Install dry hole marker.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Gilbert* TITLE *SR Engr Tech* DATE *6-5-03*

TYPE OR PRINT NAME *Robert Gilbert* TELEPHONE NO. *397-8206*

APPROVED BY *Haugwitz* OC FIELD REPRESENTATIVE / STAFF MANAGER DATE *AUG 07 2003*

CONDITIONS OF APPROVAL, IF ANY

Intermediate Casing

7.0", 24# csg. (Assumed 7.875" Hole) @ 3995' w/ 50 sxs
TOC @ 3349' by Calc

2nd Recomp 4133', 35',
37', 40', 42', 49, 51', 61',
64' and 4166'

1st Recomp (8/67)

Sqz OH w/ 100 sx - Set 4.5" Lnr

Perf 4179', 81', 82', 89', 91'

Immediately Sqz'd Perfs

Production Liner

4.5", 9.5# csg. (Assumed 5.625" Hole) @ 4178'

Cmt Lnr w/ 100 sxs - Circ. TOL

TOC @ Calc. to Top of Lnr.

Original Comp OH 3975'-4170'

PBTD 4170'

DTD @ 4198'

TOL 3880'

3975'

4178'

SOS Consulting, LLC

Drawn by: Ben Stone, 4/30/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.108

API 30-025-07690

2310' FSL & 2310' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/06/1961

TA Status: 1/29/1998

P&A Date: 6/03/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

K.B. 3605'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 15 sxs
77'-0'

Tag Cmt Plug @ 77'

Sqz Perfs @ 460'
Sqz w/ 130 sxs
@ 1000 psi

Tag Cmt Plug @ 2370'

Sqz Perfs @ 1600'
Sqz w/ 35 sxs
@ 1000 psi

**Mud Ladened Fluid
between cmt. plugs**

Tag Cmt Plug @ 2370'

Sqz Perfs @ 2680'
Sqz w/ 50 sxs
@ 1500 psi

Tag CIBP @ 4000'
Spot 35 sxs
4000'-3622'

CIBP @ 3959'
Set for 1998 TA Status

Formation fluids

Surface Casing

8.625", 24.0# Csg. (11" Hole) @ 410'
200 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | COMMENCE DRILLING OPS | ☐ |
| OTHER | ☐ | CASINO TEST AND CEMENT JOB | ☐ |
| | | OTHER | ☐ |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1100
5-28-03 Tag Casing CIBP @ 4000' Circ. well w/ M.L.F. Spot 25 sxs of cement 4000'-3622'
5-28-03 Perf @ 2680' Squenced 30 sxs of cement under a packer @ 1000 psi. Tagged @ 2370'
6-3-03 Perf @ 1600' Squenced 35 sxs of cement under a packer @ 1000 psi. Tagged @ 1370'
6-3-03 Perf @ 460' No circulation up annulus to surface. Squenced 130 sxs of cement. Tagged @ 77' Fill up 4 1/2 casing w/ 15 sxs cement

Cut off wellhead and anchors 3' BGL. Cap well. Install dry hole marker. Clean location.

Approved as to plugging of the Well &
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

DATE: 6-5-03

TYPE OF PRINT NAME: Robert Gilbert

APPROVED BY: Robert Gilbert

OC FIELD REPRESENTATIVE IN/STAFF SIGNATURE: [Signature]

DATE: AUG 07 2003

Production Casing

4.5", 10.5# Csg. (7.75" Hole) @ 4215'
270 sxs - TOC @ 3075' - Calculated

1st Recom (1/07/84) - D/O & C/O to 4220'

Added Perfs 4009'-18', 30'-33', 50'-55', 63'-69',

4161'-65', 85'-95', 4200'-02', 04'-12'

SanDril Perfs 4116'-19', 25'-28', 31'-34',

4142'-45', 48'-51', 57'-60' and 65'-68' (2spf)

4215' PBTD @ 4186'
DTD @ 4215' (D/O 4220')

SOS Consulting, LLC

Drawn by: Ben Stone, 5/05/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.103

API 30-025-07691

990' FNL & 2310' FEL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Well plugged by:
Amoco Production Co.

Spud Date: 4/21/1930

SI Status: 7/31/1967

P&A Date: 11/28/1986

Note: Well was shut-in from 1967 to 1974

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 33 sxs
PKR @ 211'



Surface Casing

12.5", 50# csg. (Assumed 13.75" Hole) @ 166'
100 sxs - Circulated to Surface

Spot 25 sxs
1772' - ~1690'

Intermediate Casing

8.25", 32# csg. (Assumed 9.625" Hole) @ 3186'
700 sxs - Calculated to Surface - Not reported

Hole Displaced
w/ 10# Brine

Spot 350 sxs w/
PKR @ 2919'
Circ. 72 sxs out 8.25"

P/U PKR to 3075'
Spot 15% Acid & Circ. 8.25" Csg.

Sqz Perfs 3236'
Held 1000 psi

Spot 100 sxs @ 4084'

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Repair or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT ON: | |
|-------------------------|--------------------------|----------------------------|--------------------------|
| PROPOSED MODIFICATION | ☐ | REPAIRS, MAINT. | ☐ |
| PROPOSED ABANDON | ☐ | OPERATOR'S REPAIRS SPEC. | ☐ |
| PROPOSED PLUG | ☐ | GROUND TEST AND CORRECTIVE | ☐ |
| OTHER | ☐ | OTHER | ☐ |

11. Operator Proposed or Consented Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) See Rule 11-110.

MI-RUSU 11-28-86. Install BOP. RIM w/6-1/8 bit, 2-3/8 workstring and tag at 4094. Raise bit to 3989'. Displace hole w/150 bbls 10# brine. Rev. circ. 30 bbl 10# brine. RIM 2-3/8 tubing to 4084' and spot 100 sx Class C plug. Disp w/12 bu. Pull tubing to 3294'. POH RIM w/casing gun and perf 3236-3237 4 SP. Lead 7" casing w/19 bbls 10# brine. Pressure up 1000#. Held ok. Run Baker 7" fallpipe 2-3/8 workstring to 3601'. Tag. Spot 14 bbls 10# brine gel. Pull tubing to 3267 and spot 250 gals 15% HCL. Raise and set packer to 3075'. Pressure up to 2000# and establish inj. rate 1 BPM, pump 50 bbls. Broke circulation out 8-1/4" casing. Release packer and raise to 2919'. Spot 350 sx Class C neat and disp. w/17 bbls water. Circulate 72 sx cement out 8-1/4 casing. Release packer, pull tubing and packer. Run 2-3/8 tubing open ended. Tubing at 3106'. Disp. hole w/117 bbl 10# brine gel. Tubing land at 1772'. Spot 25 sx cement. Pull up to 211'. Disp. hole w/33 sx Class C neat. Remove BOP. Dag out cellar. Cut off 7" casing. Install P&A marker. RD-MDSU 12-4-86.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Steve Brownlee TITLE Admin. Analyst DATE 12-9-86

OIL & GAS INSPECTOR DATE JAN 26 1987

Production Casing

6.625", 24# csg. (Assumed 7.875" Hole) @ 3997'
50 sxs - TOC @ 3740' by Calc

Openhole 3997'-4094'

TD @ 4822'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/05/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.107

API 30-025-07692

1650' FNL & 2310' FEL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Well plugged by:
Occidental Permian, LTD

Spud Date: 4/21/1930

SI Status: 5/10/1971

Convert to Inj.: 1/21/1976

TA Status: 3/02/1999

P&A Date: 5/28/2003

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 5 sxs
35'-0'

Szq Perfs @ 250'
Circulate w/ 135 sxs
Tag @ 35'

Szq Perfs @ 1600'
Could not Pump In
Spot 35 sxs on CIBP
1650'- 1425' (Tagged)

Szq Perfs @ 2660'
Could not Pump In
Spot 35 sxs on CIBP
2730'- 2522' (Tagged)

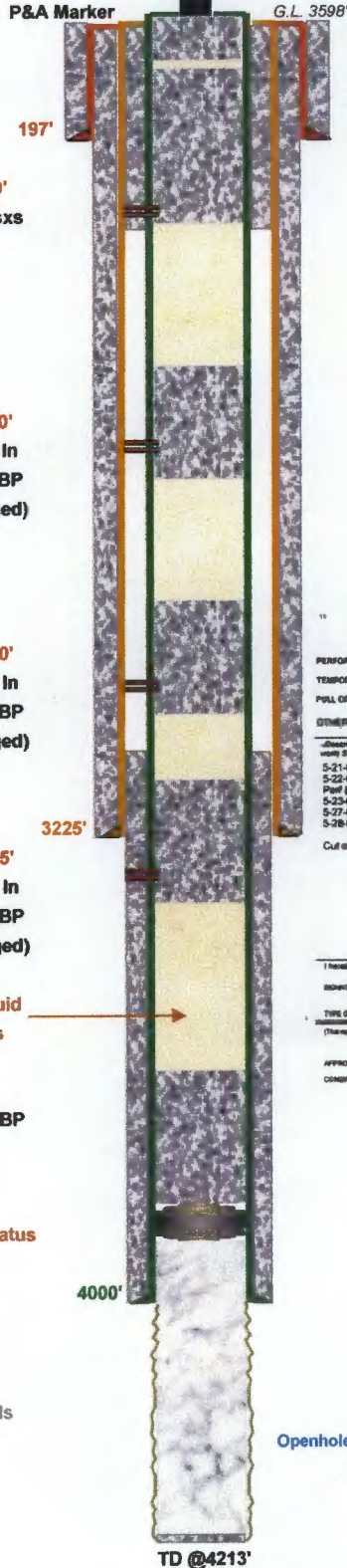
Szq Perfs @ 3275'
Could not Pump In
Spot 35 sxs on CIBP
3310'- 3125' (Tagged)

Mud Ladened Fluid
Between Plugs

Spot 25 sxs on CIBP
3925'- 3772'

CIBP @ 3925'
Set for 1999 TA Status

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

13.0", 50# csg. (Assumed 13.75" Hole) @ 197'
100 sxs - Circulated to Surface

Intermediate Casing

8.625", 32# csg. (Assumed 9.625" Hole) @ 3225'
600 sxs - Calculated to Surface - Not reported

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
|---|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CEMENT PLUGS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | | OTHER: | |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE PAGE 1100

5-21-03 Tag Existing CIBP @ 3925'
5-22-03 Circ. well w/ M.L.F. Spot 25 sxs of cement 3925'-3772'
Perf @ 3275' Not able to pump in. Spot 35 sxs of cement @ 3310' Tagged plug @ 3125'
5-23-03 Perf @ 2660' Not able to pump in. Spot 35 sxs of cement @ 2730' Tagged plug @ 2522'
5-27-03 Perf @ 1600' Not able to pump in. Spot 35 sxs of cement @ 1650' Tagged plug @ 1425'
5-28-03 Perf @ 250' Circ. well w/ 135 sxs of cement WOC Tagged @ 35' Fill casing to surface
Cut off wellhead and anchors 7 BSL. Cap well. Install dry hole marker. Clean location.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

| | | | |
|--|--------------------|-----------------------|--|
| I hereby certify that the information shown is true and complete to the best of my knowledge and belief. | | DATE 6-5-03 | |
| SIGNATURE Robert Gilbert | TITLE Sr. Eng Tech | | |
| TYPE OR PRINT NAME Robert Gilbert | | TELEPHONE NO 357-8266 | |
| APPROVED BY [Signature] | | DATE AUG 07 2003 | |

Intermediate Casing

7.0", 24# csg. (Assumed 7.875" Hole) @ 4000'
75 sxs - TOC @ 3031' by Calc

SOS Consulting, LLC

Drawn by: Ben Stone, 5/09/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.106

API 30-025-07693

1650' FNL & 2310' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/06/1929

TA Status: 1/27/1992

P&A Date: 12/04/1997

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 20 sxs
20'-0'

Spot 35 sxs 300'
349'-211'

Spot 35 sxs
1742'-1604'

Spot 45 sxs
2955'-2778'

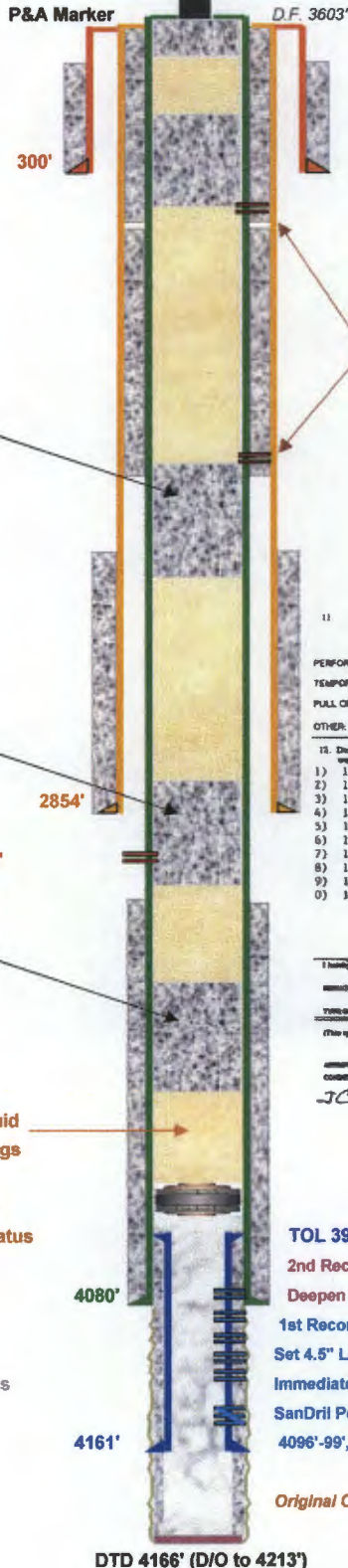
Sqz Perfs 2904'
Held 1000 psi

Spot 35 sxs
3789'-2927'

Mud Ladened Fluid
between cmt. plugs

CIBP @ 3939'
Set for 1992 TA Status

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

15.5", 70# csg. (Assumed 17.5" Hole) @ 300'
75 sx - TOC @ 109' - Calculated

Intermediate Casing

10.75", 45.5# csg. (Assumed 13.75" Hole) @ 2854'
500 sxs - TOC @ 1753' Calculated

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|---|---|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPNS. ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | OTHER ☐ | CASING TEST AND CEMENT JOB ☐ | OTHER ☐ |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE HOLE LOG.
- 12/01/97 SERP UNIT, RIN W/TG, TAG CIBP @ 3940'.
 - 12/02/97 CIRC HOLE W/MLF.
 - 12/02/97 PUMP 35 SXS CLASS "C" FROM 2927'-3789'.
 - 12/02/97 PERF @ 2904'.
 - 12/03/97 SET PER @ 2900', UNABLE TO PUMP INTO, 1000#, NO BLEED OFF.
 - 12/03/97 PUMP 45 SXS FROM 2955'-2778'.
 - 12/03/97 PUMP 35 SXS FROM 1742'-1604'.
 - 12/03/97 PUMP 35 SXS FROM 349'-211'.
 - 12/04/97 PUMP 20 SXS FROM 20'-SURF.
 - 12/04/97 RD P&A EQUIPMENT, CUT OFF WELL HEAD, INSTALL DRY HOLE MARKER.

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

DATE 12/4/97

WELLS P&A SUPERVISOR

TELEPHONE NO. 915-530-0907

NAME MILTON HEATHERLY

DATE 12/4/97

WELLS SUPERVISOR

DATE 12/4/97

Intermediate Casing

8.625", 36# csg. (Assumed 9.875" Hole) @ 4080'
100 sxs - TOC @ 3300' Calculated

TOL 3975'

2nd Recomp (11/16/79)

Deepen to 4213' & Acidize

1st Recomp (5/62)

Set 4.5" Lnr & perfed 4137'-40'

Immediately Sqz'd above.

Production Liner (Run 5/62)

SanDril Perfs 4076'-79', 83'-86 4.5", 9.5# csg. (Assumed 5.825" Hole) @ 4161'

4096'-99', 4104'-07', 09'-12' Cmt Lnr w/ 60 sxs - TOC @ Calc. to TOL

Original Comp OH 4080'-4166'

DTD 4166' (D/O to 4213')

SOS Consulting, LLC

Drawn by: Ben Stone, 5/10/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.100

API 30-025-07694

330' FNL & 2310' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/02/1930
Convert to Inj.: 12/23/1975
TA Date: 12/10/1997
P&A Date: 7/21/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: 25 sxs
240' - 0' 129'

Sqz Perfs 167'
Held 1000 psi

Hole loaded w/ Plugging Mud

Spot 25 sxs
1733'-1347' (Tagged)

Sqz Perfs 1683'
Held 1500 psi

Spot 25 sxs
2730'-2450' (Tagged)

Sqz Perfs 2680'
Held 1500 psi

Spot 25 sxs
4050'-3803'

CIBP @ 4050'

2nd Recom - Sqz & PB to 4190'
Perf 4140'-48', 50'-54'
Begin Injection

P&A Marker

D.F. 3593'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

18.0" 70# csg. (Assumed 19.75" Hole) @ 117'
75 sxs El Toro - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
|---|--------------------------|-----------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PAUL OR ALTER CEMENT | ☐ | OTHER | ☐ |
| REMEDIAL WORK | ☐ | ALTERED CEMENT | ☐ |
| COMMENCE DRILLING OPER. | ☐ | PLUG AND ABANDONMENT | ☒ |
| CASING TEST AND CEMENT JOB | ☐ | | |

Remember Prepared or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including scheduled date of starting any proposed work) SEE TOL 1100

7-19-02 Set CIBP @ 4050' Circulate well w/ plugging mud. Spot 25 sxs of cement @ 4050-3803'.
Perf @ 2880' Pressured up on perfs to 1500 psi-Held (4-3 1/2" hollow center (at 2880')) Spot 25 sxs of cement 2730' Tagged @ 2450'

7-21-02 Perf @ 1683' Pressured up to 1500 psi-Held Spot 25 sxs of cement @ 1733' Tagged @ 1347' Perf @ 167' Pressured up to 1000 psi-Held
Spot 25 sxs of cement 240'-surface

Cut off wellhead and anchor 2500L. Cap well. Install dry hole marker.

Aggregated as to plugging of the Well
Liability under bond to public is complete
surface restoration is complete

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

Signature: Robert Gilbert Title: SE Eng. Tech Date: 8-6-03

Signature: Robert Gilbert Title: SE Eng. Tech Date: 8-6-03

Signature: George J. White Title: OC FIELD REPRESENTATIVE / STAFF MANAGER Date: AUG 07 2003

Sqz Perfs 1385'
650 sxs cement

Cag Leak 1622'-32'
300 sxs cement

Sqz Perfs 2385'
1000 sxs cement

Cag Leaks
3262'-63'; 2821'-57'
Sqz Perfs 3350'
220 sxs cement

Intermediate Casing

10.75" 45.5# csg. (Assumed 13.75" Hole) @ 1633'
75 sxs El Toro - 1481' Calculated

Remedial work 1/21/80 (Rtn. to Inj.)

Production Casing (Original)

8.625" 36.0# csg. (Assumed 9.875" Hole) @ 4000'
75 sxs El Toro - TOC @ 3455' Calculated

Production Casing (Ran 9/81)

5.5" 14.0# csg. (Assumed 8.625" Hole) @ 4151'
60 sxs to TOL

1st Recom - Sqz OH w/ 95 sxs - CIBP @ 4130' Cap 5 sxs
SanDrill Perfs 4059'-82', 69'-72', 77'-80',
85'-88', 97'-4100', 03'-06', 12'-15',

Openhole 4000'-4364' (Original Completion)

PBTD @ 4190'

DTD @ 4364'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/11/2012

PLUGGED WELL SCHEMATIC

J.H. Moore Well No.1

API 30-025-07695

1980' FSL & 660' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 10/05/1961
P&A Date: 11/19/1964

Well plugged by:
Texaco, Inc.

<PLUGGING ITEMS LISTED LEFT>

PLUGS: Spot 5 sxs
180'-0'

P&A Marker D.F. 3600'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

7.625", 15.28# csg. (9.875") @ 439'
200 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| NEW MEXICO OIL CONSERVATION COMMISSION | | | | | | FORM C-105
(Rev. 1-60) |
|--|-----------------------|---|------------------------------------|--|---|-----------------------------|
| MISCELLANEOUS REPORTS ON WELLS | | | | | | |
| (Submit to appropriate District Office as per Conservation Rule 176a) | | | | | | |
| Name of Company
TEXACO Inc. | | Address
P. O. Box 728 - Hobbs, New Mexico | | | | |
| Lease
J. H. Moore | Well No.
1 | Unit
L | Section
15 | Township
19-S | Range
38-E | |
| Date Well Performed
November 19, 1964 | Field
Hobbs | County
Lea | | | | |
| THIS IS A REPORT OF: (Check appropriate check) | | | | | | |
| ☐ Beginning Drilling Operations | | ☐ Casing Test and Cement Job | | ☐ Other (Specify) | | |
| ☒ Plugging | | ☐ Remedial Well | | | | |
| Detailed account of work done, nature and quantity of materials used, and results obtained. | | | | | | |
| <p>The subject well has been plug and abandoned as follows:</p> <ol style="list-style-type: none"> 1. Full rods and tubing. 2. Plug No. 1 - 20 in. 4080' to 4128'. (Cement inside perforations) 3. Plug No. 2 - 16 in. 3760' to 4080'. 4. Plug No. 3 - 5 in. 0' to 180'. (Surface Plug) 5. Install 4" marker extending 4' above ground level, clear location for inspection by the New Mexico Oil Conservation Commission. Plug and abandon complete 7:00 P. M., November 19, 1964. | | | | | | |
| Witnessed by
C. F. Jackson | | Position
Production Foreman | Company
TEXACO Inc. | | | |
| FULL IN DETAIL FOR GENERAL WORK REPORTS ONLY | | | | | | |
| GENERAL WELL DATA | | | | | | |
| D.P. Elev. | TD | DTD | Producing Interval | Completion Date | | |
| Tubing Diameter | Tubing Weight | Casing Diameter | Casing Weight | | | |
| Perforated Interval(s) | | Producing Formation(s) | | | | |
| RESULTS OF TESTS | | | | | | |
| Test | Date of Test | Oil Production
BOPD | Gas Production
MCFPD | Water Production
BOPD | GOR
Cubic feet/Bbl | Gas Well Potential
MCFPD |
| Before
Treatment | | | | | | |
| After
Treatment | | | | | | |
| OIL CONSERVATION COMMISSION | | | | | I hereby certify that the information given above is true and complete to the best of my knowledge. | |
| Approved by
<i>W. E. Thompson</i> | | | Signature
<i>W. E. Thompson</i> | | | |
| Title
Assistant to the District Superintendent | | | Company
TEXACO Inc. | | | |

Spot 10 sxs
4080'-3760'

Spot 20 sxs Across Perfs
4128'-4080'

Produced Fluids

4239'

DTD @4239'

Perfs (2 jsfp):
4080'-98'
4102'-09'
4117'-28'

Production Casing

2.875", 6.5# csg. (6.75") @ 4239'
Cmt Lnr w/ 550 sxs - TOC @ 1760' Calculated

SOS Consulting, LLC

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.111

API 30-025-07696

990' FSL & 1980' FWL, SEC. 15-T19S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 7/01/1961

Convert to Inj.: 1/14/1976

P&A Date: 6/17/1993

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

K.B. 3599'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Sqz w/ 140 sxs
Circ. 17 sxs to Surface

416'

Sqz Perfs @ 480'

Displace Hole w/ 9.5#
Gelled Brine Mud

Spot 25 sxs
2801'-2438'

Cap w/ 10 sxs
3800'-~3656'

Set P&A CIBP @ 3800'

Formation fluids

4189'

Orig. DTD @ 4190' (D/O 4216')

Surface Casing

7.625", 24.0# Csg. (9.875" Hole) @ 416'

200 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|---|----------------------------|---|
| PERFORM REMEDIAL WORK | ☐ PLUG AND ABANDON | REMEDIAL WORK | ☐ ALTERING CASING |
| TEMPORARILY ABANDON | ☐ CHANGE PLANS | COMMENCE DRILLING OPNS. | ☐ PLUG AND ABANDONMENT |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☐ |

2. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE SCALE 1:100.

DIG OUT CELLAR X RUSU 8/14/83 X INSTALL BOP. REL. P&A X POW X RH X CIBP X TBS X SA 3800' X SPOT 10 SX CLASS C CMT X 1-44' X PETO 3656' X LD 10 JTS TBS X PYS X 11 STANDS X OC. TEST CIBP X CIBP X 800 P&A X ON X DISPLACE 4-1/2" CSG X 9.5# REL BRINE MUD FROM 3600' TO SURF X LD 24 JTS TBS X SPOT 25 SX CMT FROM 2438'-2801' X LD TBS X RH X VAL X PERM 478'-480' X 4 JBSPP X BREAK CIRC. X WATER X P&A 140 SX CLASS C HEAT CMT X CIRC 17 X CMT TO SURF X WOC. CUT OFF WELLHEAD X WELL ON P&A NUMBER X VAL P&A. REDWOP BU 8/17/83 X CUT OFF DEAD HORN.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Deanne M. Prince TITLE: Staff Assistant DATE: 07-08-93

(This space for State Use) OIL & GAS INSPECTOR AUG 25 1993

APPROVED BY: [Signature] TITLE: DATE:

Remedial Work 6/21/81 (Csg. Leak - 2439'-70')

Set RBP @ 4019' w/ 15' sand

Perf @ 2456' & Sqz w/ 800 sxs

Acidize w/ 3000 gal. - Rtn to Inj.

Production Casing

4.5", 9.5# J-55 Csg. (6.75" Hole) @ 4189'

450 sxs - TOC @ 1200' - Calculated

1st Recomp (1/14/76) - C/O to 4188'

Acidize & Convert to Injection

Perfs 4096'-4102', 18'-24', 30'-40', 60'-83'

2nd Recomp (7/03/79) - D/O to 4216'

Acidize & Return to Injection

SOS Consulting, LLC

Drawn by: Ben Stone, 5/15/2012

PLUGGED WELL SCHEMATIC

Nordon Corporation Limited Well No.2

API 30-025-07697

990' FSL & 990' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/01/1961
P&A Date: 1/05/1962

Well plugged by:
Texaco, Inc.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

D.F. 3599'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 12 sxs
50'-0'

Spot 25 sxs
500'-400'

451'

Spot 25 sxs
1265'-1165'

Cut & Pulled 2.875"
@ 1265'

Produced Fluids

Spot 10 sxs
4080'-3760'

Spot 20 sxs Across Perfs
4210'-3950'

4206'

DTD @4210'

Surface Casing

7.625", 15.28# csg. (9.875") @ 451'
200 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| NEW MEXICO OIL CONSERVATION COMMISSION | | FORM C-100
(Rev 3-58) | |
|--|-------------------------------|---|-------------------------|
| MISCELLANEOUS REPORTS ON WELLS | | | |
| (Subject to appropriate District Office as per Commission Rule 1766) | | | |
| Name of Company
TEXACO Inc. | | Address
P. O. Box 728 - Hobbs, New Mexico | |
| Well No.
30-025-07697 | Section
15 | Township
19S | Range
38E |
| Owner
Nordon Corporation Limited | County
Hobbs | State
NM | |
| Date Report Prepared
January 5, 1962 | Field
Hobbs | Lease
Lea | |
| THIS IS A REPORT OF: (Check appropriate block) | | | |
| ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Specify) | | | |
| ☒ Plugging ☐ Remedial Work | | | |
| Detailed account of well done, nature and quantity of materials used, and results obtained. | | | |
| We have plugged and abandoned subject well as follows: | | | |
| 1. Spot 20 ax cement plug, 3950' to 4210'
2. Cut 2-7/8" casing at 1265' recover same
3. Spot 25 ax cement plug, 1165' to 1265'
4. Spot 25 ax cement plug, 400' to 500'
5. Spot 12 ax surface plug, install 4" marker extending 4' above ground level, clean location for inspection as per NMCC regulations. Plug and abandon. Complete 2:30 A. M., January 5, 1962. | | | |
| NOTE: Verbal permission received to plug and abandon subject well from the New Mexico Oil Conservation Commission, 1:30 P. M., January 4, 1962. | | | |
| Prepared by
C. F. Jackson | | Production Foreman
TEXACO Inc. | |
| P&A IN BELOW FOR GENERAL WORK REPORTS ONLY | | | |
| ORIGINAL WELL DATA | | | |
| WV Elev. | TD | PSTS | Producing Interval |
| Yielding Capacity | Tubing Depth | Oil Rising Diameter | Oil Rising Depth |
| Perforated Interval(s) | | Producing Formation(s) | |
| RESULTS OF FORECAST | | | |
| Year | Date of Year | Oil Production
BOPD | Gas Production
MCFPD |
| Water Production
BOPD | GOR
Cubm Gas/Bbl | Gas Well Potential
MCFPD | |
| Other | | | |
| Oil Conservation Commission | | I hereby certify that the information given above is true and complete to the best of my knowledge. | |
| Approved by
<i>[Signature]</i> | Name
H. N. Wade | Position
Assistant District Superintendent | |
| File | Company
TEXACO Inc. | | |

Production Casing

2.875", 8.5# csg. (8.75") @ 4206'
Cmt Lnr w/ 550 sxs - TOC @ 1727' Calculated

Perfs (2 jspf):

4100'-08', 19'-27'

4134'-45', 49'-54'

4158'-65', 70'-76' and 80'-82'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/15/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.110

API 30-025-07698

2310' FSL & 990' FEL, SEC. 15-T19S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 10/17/1961

Convert to Inj.: 1/24/1976

P&A Date: 5/17/1994

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

D.F. 3604'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Fill w/ Cement
500'-0'

Surface Casing

7.625", 15.28# csg. (9.875") @ 441'

200 sxs - Circulated to Surface

Shot Sqz holes @ 500'

Sqz w/ 153 sxs

Circ. 13 sxs to Surface

Attempt Backoff

2.875" @ 1285'

(Unsuccessful)

Displace Hole w/

Gelled Brine Mud

Spot Cement

4030'-2500'

Dump 1300# Frac Sand

4238'-4030'

4166'

Perfs (2 jesp):

4086'-95'

4121'-43'

4147'-64'

Openhole 4166'-4238'

DTD @4238'

<P&A SUBSEQUENT SUNDRY>

| | |
|--|---|
| State of New Mexico
Energy, Lands and Natural Resources Department
Form C-602
Revised 5-4-90 | |
| PROJECT
P.O. Box 1000, Hobbs, NM 88240
P.O. Box 1000, Hobbs, NM 88240
P.O. Box 1000, Hobbs, NM 88240 | OIL CONSERVATION DIVISION
P.O. Box 2000
Santa Fe, New Mexico 87504-2000 |
| SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPAIR OR PLUG BACK TO A
DEEPER RESERVOIR. USE "APPLICATION FOR PERMIT"
FORM C-101 FOR SUCH PROPOSALS.) | WELL AND NO.
30-025-07698
1. Indicate Type of Lease
LEASE ☐ FEED ☐ ☐
4. State-Use of the Lease No. |
| 1. Type of Well
2. Name of Operator
Amoco Production Company
P.O. Box 1000, Hobbs, NM 88240
3. Well Location
Well Name: 2310' FSL & 990' FEL, SEC. 15-T19S-R38E
Section: 15 Township: 19S Range: 38E Meridian: 10N
4. Well Status
5. Well Depth
6. Well Name or Other Identification
7. Well Status or Other Identification | 5. Well Status or Other Identification
6. Well Status or Other Identification
7. Well Status or Other Identification |
| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM MINOR WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERED CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLUG ☐ COMMENCE DRILLING OPER. ☐ PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOBS ☐
OTHER ☐ OTHER ☐ | |
| I hereby certify that the information shown is true and correct to the best of my knowledge and belief.
Signature: [Signature] Title: [Title] Date: 05-25-94
(This space for State Use)
AUG 24 1994 | |

Production Casing

2.875", 6.5# csg. (6.75") @ 4166'

Cmt Lnr w/ 550 sxs - TOC @ 1687' Calculated

SOS Consulting, LLC

Drawn by: Ben Stone, 5/15/2012

Drawn by: Ben Stone, 5/16/2012

PLUGGED WELL SCHEMATIC

Hobbs SWD E-15

API 30-025-12788

1650' FNL & 840' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/02/1957

P&A Date: 2/06/2002

NOTE: WELL ORIGINALLY DRILLED AS SWD (R-1004)

Well plugged by:
Rice Operating Co.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs @ 60'
Sqz Cmt to Surface

Sqz Perfs @ 372'
Sqz w/ 50 sxs
372'-299' (Tagged)

Spot 30 sxs
1653'-1500'

Displace Hole w/ 10#
Gelled Brine Mud

Spot 30 sxs
2754'-2604'

Cap w/ Cement
4161' (Tagged)

15 sxs Gravel Fill
4534' (Tagged)

Fill to 4717'

P&A Marker

D.F. 3611'

322'

4872'

DTD @ 4872'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

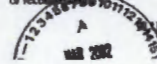
9.625", 32.3# Csg. (12.25" Hole) @ 322'
275 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|--|---|--|
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPNS ☐ | PLUG AND ABANDONMENT ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPLETION ☐ | CASING TEST / CEMENT JOB ☐ | |
| OTHER ☐ | | OTHER ☐ | |

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103 For Multiple Completions. Attach wellbore diagram of proposed completion or recompletion.



PLUG AND ABANDON PURSUANT TO NM UIC LETTER 12-01-99:

02-01-2002 - SPOT 15 SXS @ 4534' - 4717' TAGGED
02-04-2002 - SPOT 65 SXS @ 4534' - 4161' TAGGED
02-05-2002 - SPOT 90 SXS @ 2754' - 2604'
02-05-2002 - SPOT 30 SXS @ 1653' - 1500'
02-05-2002 - PERFORATED @ 372'
02-05-2002 - SQUEEZE 50 SXS @ 372' - 238' TAGGED
02-05-2002 - PERFORATED @ 60' - SQUEEZED CEMENT TO SURFACE LEAVING ANNULUS AND CASING FULL

INSTALL DRY HOLE MARKER
CIRCULATE 10# MUD

P&A Hobbs SWD E-15 denotes discontinuance of operation of the Hobbs SWD System. The Facility Site at the E-15 location will be abandoned in accordance with the approved Closure Plan for Below-Ground Reservoir Tanks and Emergency Overflow Pits submitted to NMOCED Environmental Bureau (Contact Wayne Price) in Santa Fe. The closure plan is targeted to begin in December, 2002.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carolyn Doran Haynes TITLE ENGINEERING MANAGER DATE 2-5-02

Type or print name: CAROLYN DORAN HAYNES Telephone No. 505-393-9174

(This space for State use)

APPROVED BY GARY WYWINK TITLE STAFF MANAGER DATE JAN 30 2003

Condition of approval, if any:

GARY WYWINK
OFFICIAL REPRESENTATIVE R/STAFF MANAGER

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

Production Casing

7.0", 20.0# Csg. (8.75" Hole) @ 4872'
1175 sxs - TOC @ 1200' - Calculated

Perfs 4634'-44',
4860'-4700',
4728'-4773',
and 4802'-26'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/17/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.105

API 30-025-20028

1800' FNL & 990' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/06/1963
Well Shut-in / TA'd: 3/1970
Convert to Inj.: 12/21/1975
TA Status: 3/18/1999
P&A Date: 7/16/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Fill w/ Cmt 15'-0'

Sqz Perfs @ 360'

Sqz w/ 125 sxs
Tagged @ 15'

Sqz Perfs @ 460'

Sqz w/ 125 sxs (Tag 610')

Reshoot Perfs @ 460'
Held 1500 psi

Mud Ladened Fluid

Sqz Perfs @ 1600'

Sqz w/ 35 sxs (Tag 1492')

Spot 25 sxs

2460'-2096'

(Tagged @ 2121')

Sqz Perfs @ 2460'

Held 1800 psi

Spot 35 sxs

2742'-2213'

(Tagged @ 2460')

Sqz Perfs @ 2680'

Held 1000 psi

Spot 25 sxs

On Existing CIBP

3930'-3552'

CIBP @ 3925'

(Set for 1999 TA Status)

Formation fluids

P&A Marker

R.D.B. 3609'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# Csg. (11.0" Hole) @ 410'
250 sxs - Circulated 110 sxs to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | COMMENCE DRILLING OPS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER: | ☐ | OTHER: | ☒ |

Abstracts Prepared or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1105.

7-10-03 Spot 25 in Class C 3900'-3552'. Circulate Hole MLB. Perforate 4 SPF @ 2680'

7-11-03 Test 1000 PSI. Held. Perforate 4 SPF @ 2460'. Test 1800 PSI. Held. Spot 35 in Class C 2742'-2213'. WOC Tag @ 2460'

Spot 25 in Class C 2460'-2096'. WOC Tag plug @ 2121'

7-14-03 Perforate 4 SPF @ 1600'. Squeeze 35 in Class C. WOC Tag plug @ 1492'. Perforate 4 SPF @ 460'. Pump 125 in Class C up Annulus. No Cement to Surface. WOC

7-15-03 Tag plug @ 610'. Perforate 4 SPF @ 460'. Test 1500 PSI. Held. Perforate 4 SPF @ 360'. Test 1500 PSI. Held. Perforate 4 SPF @ 260'. Establish Injection Rate. Pump 125 in Class C into perfs. WOC

7-16-03 Tag Plug @ 15'. Top off 4-1/2" Casing. Close in 1000 psi. Squeeze 10 in Class C into 5-1/2" X 8-5/8" Annulus. Close in 500 PSI

Cut Off & Install Dry Hole Marker

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: *[Signature]* TITLE: *P&A Supervisor* DATE: *7-17-03*

TYPE OR PRINT NAME: *RODNEY GRAY* TELEPHONE NO.: *505-638-7379*

(For space to Date/Time)

APPROVED BY: *[Signature]* OCC PERM REPRESENTATIVE / STAFF MANAGER DATE: *AUG 07 2003*

CONDITIONS OF APPROVAL, IF ANY:

Production Casing

4.5", 11.8# Csg. (7.875" Hole) @ 4142'
300 sxs - TOC @ 2934' - Calculated

Perfs 4081'-4134'

Openhole 4142'-4242'

DTD @ 4242'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/17/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.99

API 30-025-20539

350' FNL & 660' FWL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/14/1963

Well Shut-in / TA'd: 7/1972

TA Status: 10/25/1991

P&A Date: 7/24/2003

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Sqz Perfs @ 480'
Sqz w/ 135 sxs
Cement to Surface

Circulate Hole
w/ Plugging Mud

Sqz Perfs @ 1600'
Sqz w/ 35 sxs (Tag 1493')

Spot 35 sxs
2730'-2147' (Tagged)

Sqz Perfs @ 2580'
Held 1500 psi
Sqz Perfs @ 2680'
Held 1500 psi

Spot 25 sxs
On Existing CIBP
3968'-3590'

Set CIBP @ 3968'
(Set for 1991 TA Status)

Recomp 5/04/83 - Plug back
to perf interval only.
Set CIBP @ 4125'

Formation fluids

P&A Marker

G.L. 3604'

430'

4130'

DTD @ 4228'

Surface Casing

8.625", 24.0# Csg. (11.0" Hole) @ 430'
225 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHARGE PLUG | ☐ |
| PULL OR LATER CEMENT | ☐ | COMMENCE DRILLING OPER. | ☐ |
| OTHER: | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| | | OTHER: | ☒ |

Check appropriate box to indicate nature of notice, report, or other data. Check appropriate box to indicate nature of notice, report, or other data. Check appropriate box to indicate nature of notice, report, or other data.

7-25-03 Tagged existing CIBP @ 3968' Cmc. well w/ plugging mud. Spot 25 sxs of cement @ 3968-3590'

7-25-03 Perf @ 2580' Pressured up to 1500 psi-Held. Perf @ 2680' Pressured up to 1500 psi-Held Spot 35 sxs of cement 2730' Tagged @ 2147'

7-24-03 Perf @ 1600' Squeezed 35 sxs of cement. Tagged @ 1493'. Perf @ 480' circulated 135 sxs of cement to surface.

Cut off wellhead and anchors 2780L. Cap well. Install dry hole marker.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information shown is true and correct to the best of my knowledge and belief.

Signature: Robert Gilchrist Title: SR Eng Tech Date: 07-29-03
Type or Print Name: Robert Gilchrist Telephone No: 597-8200
Approved by: Harry W. Webb OC FIELD REPRESENTATIVE / STAFF MANAGER
CHECKING OFF APPROVAL, P&A: AUG 07 2003

Production Casing

4.5", 9.5# J-55 Csg. (7.875" Hole) @ 4130'
300 sxs - TOC @ 2922' - Calculated

SanDrill Perfs 4065'-68',
4074'-77', 83'-86', 96'-99',
4103'-06', 12'-15' and
4116'-19' (2 spf)

Openhole 4130'-4228'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/17/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Well No.104

API 30-025-22482

330' FNL & 990' FEL, SEC. 15-T19S-R38E
LEA COUNTY, NEW MEXICO

Well plugged by:
Aktura Energy, LTD

Spud Date: 3/25/1968

TA Status: 4/09/1992

P&A Date: 12/01/1997

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 10 sxs
32'-0'

Sqz Perfs @ 480'
Sqz w/ 75 sxs
Tag @ 240'

Circulate Hole
w/ Mud Ladened Fluid

Sqz Perfs @ 1750'
Sqz w/ 30 sxs - CIRC @ 1644'
25 sxs on top of CIRC

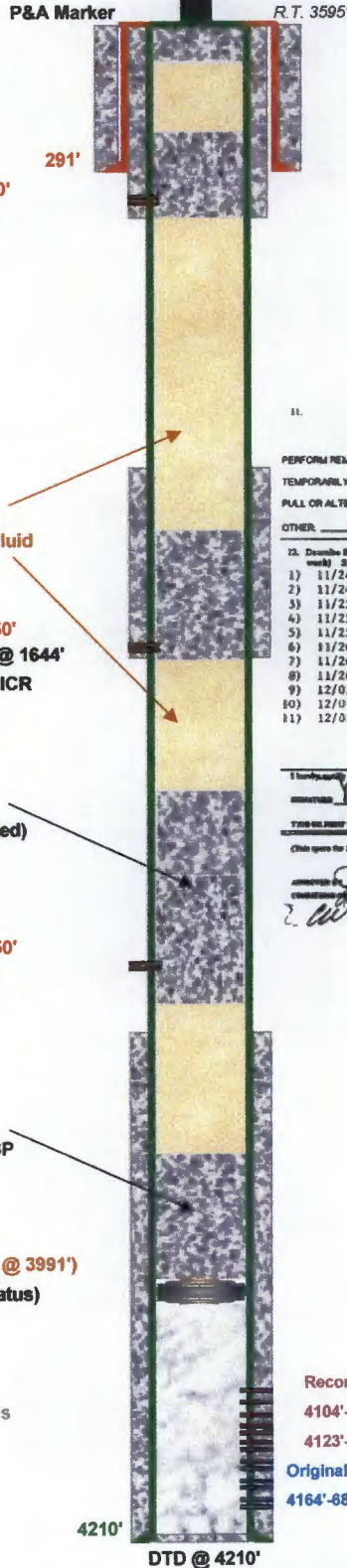
Spot 25 sxs
2925'-2647' (Tagged)

Sqz Perfs @ 2850'
Held 1000 psi

Spot 25 sxs
On Existing CIBP
3991'-3751'

Set CIBP @ 4005' (Tag @ 3991')
(Set for 1992 TA Status)

Formation fluids



Surface Casing

8.625", 24.0# Csg. (11.0" Hole) @ 291'
120 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|----------------------------|--------------------------|-----------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUS AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLUGS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| COMMENCE DRILLING OPS | ☐ | PLUS AND ABANDONMENT | ☒ |
| CASING TEST AND CEMENT JOB | ☐ | OTHER | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE BULK LOGS
- 1) 11/24/97 HIRU PULLING UNIT, HIRUOP, RIN W/2-3/8" W/S, TAG CIBP @ 3991'.
 - 2) 11/24/97 CIR HOLE W/97 BMLS HLF.
 - 3) 11/25/97 PUMP 25 SXS CLASS "C" CMT FROM 3991'-3751'.
 - 4) 11/25/97 PERF @ 2850', UNABLE TO PUMP INTO, PRESSURE UP TO 1000#.
 - 5) 11/25/97 RIN W/TAG TO 2925', PUMP 25 SXS DISP TO 2685'.
 - 6) 11/26/97 TAG CMT @ 2647'.
 - 7) 11/26/97 PRAP @ 1750', SET 5-1/2" CIRC @ 1644', PUMP 30 SXS UNDER RET 6 25 ON TOP.
 - 8) 11/26/97 PERF @ 341', PUMP 75 SXS DISP TO 241', WOC.
 - 9) 12/01/97 TAG CMT @ 240'.
 - 10) 12/01/97 PUMP 10 SXS FROM 32' TO SURF, RD P&A EQUIP.
 - 11) 12/01/97 CUT OFF WELL HEAD, INSTALL DRY HOLE MARKER.

I hereby certify that the information herein is true and complete to the best of my knowledge and belief.

Signature: *Milton Heatherlin* TITLE: P&A SUPERVISOR DATE: 12/31/97

Signature: *Johnathan* TITLE: DATE:

Production Casing

5.5", 14.0# Csg. (7.875" Hole) @ 4210'
200 sxs - TOC @ 3151' - Calculated

Recomp (8/21/85) Add Perfs - Acidize - Rtn to Prod.

4104'-05', 08'-09', 17'-18',

4123'-27', 34'-44' and 48'-52'

Original Perfs (2 spf)

4164'-68', 72'-80' and 83'-93'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/19/2012

SECTIONS
27 - 32

PLUGGED WELL SCHEMATIC

Pre-Ongard Well No. 1

(Formerly Sanger Well No. 1)

API 30-025-07407

650' FSL & 2635' FEL, SEC. 27-T18S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 12/06/1947

P&A Date: 1/14/1948

Well plugged by:
Roy H. King

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

246' - 206'
Spot 10 sx

5.5" shot and pulled
at 1215'

1850'-1800'
Spot 18 sx
(Calc. 185')

Spot 25 sx
4286'-4001'

P&A Marker

G.L. 3636'

246'

4069'

DTD @4286'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 32# Csg. (11.0" Hole) @ 246'
250 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

Form C-108

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report to triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, results of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

| | |
|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | REPORT ON REPAIRING WELL |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | REPORT ON PULLING OR OTHERWISE ALTERING CASING |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | REPORT ON DEEPENING WELL |
| REPORT ON RESULT OF PLUGGING OF WELL | X |

March 4, 1948 Date Hobbs, New Mexico Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Well No. 1 in the Hobbs, New Mexico, County, N. M. H. M. at Sec. 27, T. 18S, R. 38E.

The date of this work was as follows: Jan. 11 to 14th 1948 (Plugging of hole)

Notice of intention to do the work was furnished to the Commission on January 11, 1948

and approval of the proposed plan was obtained (Cross out inoperative words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Test has been drilled to total depth of 4286', or 17' into the San Andres Balconite. A snubbing test was made at depth of 4279' and showed no fluid. Snubbing test at 4286' showed one barrel fluid per hour cutting 77% oil. Treated formation with 500 gallons 15% acid. Acid went in on vacuum. Snubbed well and could not move fluid below 2000' from surface. Fluid approximately 100% sulphur water.

We propose to set cement plug of 25 sacks in bottom of hole and, after recovering as much 5 1/2" casing as possible, will set 18 sack plug between 1800' to 1850'. We will set a 18 sack plug at 246' then leave a four inch pipe, set in cement, extending 4 feet above surface to mark well location.

All plugs were set and tested in accordance with approved plan given under date of January 11, 1948. Shot 5 1/2" casing off at depth of 1215' and recovered same after attempting to recover from greater depths. Levelled ground around location and set standard marker to mark location of hole. Cleared location site and left same as nearly as possible in condition in which it was found.

Witnessed by Mr. Tony Gley & Gable Sealman Title

Subscribed and sworn before me this 4th day of March 1948 I hereby swear as officer that the information given above is true and correct to the best of my knowledge.

Notary Public Sealman Title

Representing Roy H. King

My commission expires 10/24/49 Address Dallas, Texas

Remarks:

APPROVED

Date

Roy H. King

Title

Production / Inter. Casing

5.5", 14.0# csg. (7.875" Hole) @ 4069'
350 sx - TOC @ 2790' by Temp.

Openhole 4069'-4286'

SOS Consulting, LLC

Drawn by: Ben Stone, Revised 3/06/2013

PLUGGED WELL SCHEMATIC
Pre-Ongard Well No.8
(Formerly Nora Berry Well No.8)
API 30-025-07502

990' FSL & 1650' FEL, SEC. 31-T18S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 12/04/1947
 P&A Date: 4/03/1953

Well plugged by:
Shell Oil Company

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 15 sx
 45' to 0'

P&A Marker

D.F. 3637'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 32.0# Csg (11.0" Hole) @ 410'
 200 sx - Circulate 15 sx to Surface

410'

<P&A SUBSEQUENT SUNDRY>

NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within period. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of well, results of well repair, and other important operations, even though the work was witnessed by an agent of the Commission.

Indicate Nature of Report by Checking Below

| | | |
|---|---|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | REPORT ON REPAIRING WELL |
| REPORT ON RESULT OF PLUGGING WELL | REPORT ON RECOMPLETION OPERATION | REPORT ON (Other) |

April 6, 1953

Hobbs, New Mexico

Following is a report on the work done and the results obtained under the heading noted above at the:

Shell Oil Company

Berry

(Company or Operator) Well No. **8** in the **SE** **1/4** of Sec. **31**

T. 18-S. R. 35-E. N.M.P.M. Hobbs (Bowers) Lea County

The Date of this work was on **April 2 & 3, 1953**

Order of attention to do this work (was) **ORDERED** submitted on Form C-482 on **March 30**, 1953.

and approval of the proposed plan (was) **CONSENT** obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plugged and abandoned Berry No. 8 as following:

Loaded hole with mud and spotted 15 sack cement plug from 2865' - 3050'. Spotted 15 sack cement plug from 45' to surface and erected 4" marker as required by Rule 202. **ALL PLUGGING AND ABANDONED 4-3-53.**

Witnessed by: **G. L. Goodpasture** Shell Oil Company Production Foreman

Approved: **OIL CONSERVATION COMMISSION**

Rog. Yandrough

I hereby certify that the facts given above are true and complete to the best of my knowledge.

F. D. Leigh

Position: **Division Mechanical Engineer**

Representing: **Shell Oil Company**

Address: **Box 1957, Hobbs, New Mexico**

Production Casing

4.5", 9.5# Csg. (7.875" Hole) @ 3199'
 850 sx - Circ by Calc - Not Reported

Loaded Hole w/ Mud

Loaded Hole w/ Mud

Spot 15 sx
 3050' to 2865'

3199'

Openhole 3199'-3270'

DTD @3270'



Drawn by: Ben Stone, 3/11/2013

PLUGGED WELL SCHEMATIC

State Land '32' Well No.6

API 30-025-07540

660' FSL & 1990' FEL, SEC. 32-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 5/12/1948
Well Shut-In: April, 1955
TA Status Date: 4/16/2002
P&A Date: 1/08/2008

Well plugged by:
Oxy USA, Inc.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs 350'
Sqz w/ 120 sx
Circ to Surf / Lv Hole Full

Spot 45 sx Class C
1300'-980'
(Tagged)

Spot 45 sx Class C
2450'-2100'
(Tagged @ 2064')

Circulate Hole w/ 9.5# Mud
(Per Plugger's Daily Report)

Spot 25 sx Class C
3026'-2839'

CIPB @ 3026'
(Set for 2002 TA Status)

Formation Fluids

P&A Marker

D.F. 3624'

301'

3160'

DTD @ 3240'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 28.0# Csg (11.0" Hole) @ 301'
125 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

| | | |
|---|--|---|
| Submit 3 Copies To Appropriate Division
Office
Division
1635 N. Branch Dr., El Paso, TX 79902
Division 12
1220 South St. Francis Dr.
Santa Fe, NM 87505 | | Form C-103
June 19, 2008 |
| State of New Mexico
Energy, Minerals and Natural Resources
RECEIVED
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505 | | WELL API NO.
30-025-07540
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
6-2147 |
| SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.) | | |
| 1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐ | | |
| 2. Name of Operator
OXY USA, INC. | | |
| 3. Address of Operator
P.O. Box 4234, Houston, TX 77218-4234 | | |
| 4. Well Location
Unit Letter: 0 668 feet from the South line and 1988 feet from the East line
Section: 32 Township: 18-S Range: 38-E NMPM County: Lea
11. Elevation (Show whether DR, RCB, RT, GR, etc.)
3624' GR | | |
| 12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | |

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLUGS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL. ☐
 DOWNHOLE CORRECTION ☐ OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P&A ☒
 CASING/CEMENT JOB ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach without diagrams of proposed completion or recompletion.

Plug and abandon State Land Sec. 32 Well No. 6 as follows -

1/4/08 - 1/8/08:

NI x RHPD, NI BOP, RIH with 2-3/8" tubing (open ended) x tag existing CIPB at 3026'. Circulate hole clean. Cap CIPB with 25 sx. Cl. C. Pull uphole to 2450'. Spot 45 sx. cement x displace to 2100'. Pull uphole to 1400' x MOC. RIH with 2-3/8" tubing x tag top of plug at 2064'. Pull uphole to 1360'. Spot 35 sx. cement x displace to 950'. PGR x MOC. RIH with 2-3/8" tubing x tag top of plug at 980'. RIH with wireline x perforate 5-1/2" casing at 350'. Set packer at 30'. establish injection rate of 2 B/W @ 250 psi, and squeeze perfs with 120 sx. cement. Circulate cement to surface through 8-5/8" casing valve and leave 5-1/2" casing full of cement to surface. POOH with packer. NO BOP. cut off wellhead, and install dry hole marker. 80 x WD x clean location.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens TITLE: Res. Comp. Analyst DATE: 6/26/08
 Type or print name: Mark Stephens E-mail address: Mark.Stephens@oxy.com PHONE: (713) 366-6360
 APPROVED BY: [Signature] TITLE: DISTRICT 1 SUPERVISOR DATE: SEP 01 2009
 Conditions of Approval (if any):

Production Casing

5.5", 15.5# Csg. (7.0" Hole) @ 3160'
750 sx - TOC @ 330' by Temp

Openhole 3160'-3240'

Shot Openhole in 3 sections w/ 60 qts. Nitro

SOS Consulting, LLC

Drawn by: Ben Stone, 3/11/2013

PLUGGED WELL SCHEMATIC
Pre-Ongard Well No.6
(Formerly West Grimes Well No.6)
API 30-025-07524

330' FSL & 330' FEL, SEC. 32-T18S-R38E
 LEA COUNTY, NEW MEXICO

Well plugged by:
Gulf Oil Corporation

Spud Date: 8/16/1930
 P&A Date: 4/19/1952

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot Cmt 50' - 0'

Spot w/ Heavy Mud
 950'-50'

Spot 53 sx
 1050'-950'

Shot & Pulled 6-5/8" @ 969'
 Shot & Pulled 9-5/8" @ 978'

Spot w/ Heavy Mud
 3030'-1050'

TOC @ 3030'
 Set CIRC @ 3098' for P&A
 Sqz w/ 35 sx

Set CIRC @ 3870' (for Recom)
 Pump 35 sx below & 10 sx Cap

P&A Marker

G.R. 3630'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

13.375", 50.0# Csg. (Assumed 16.5" Hole) @ 207'
 200 sx - Circ. to Surface

Intermediate Casing

9.625", 36.0# Csg (Assumed 12.25" Hole) @ 2770'
 600 sx - TOC 1013' by Calc.

<P&A SUBSEQUENT SUNDRY>

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within 30 days after the work specified is completed. It should be agreed and filed as a report on logging, drilling operations, results of shooting well, results of ball of casing shot off, results of plugging of well, and other important operations, even though the well has withdrawn by an agent of the Commission. The additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

| | |
|--|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | REPORT ON REPAIRING WELL |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | REPORT ON PULLING OR OTHERWISE ALTERING CASING |
| REPORT ON RESULT OF TEST OF CASING | REPORT ON DEEPENING WELL |
| REPORT ON RESULT OF PLUGGING OF WELL | |

April 20, 1952

Wells, New Mexico

Following is a report on the work done and the results obtained under the heading noted above at the:

Gulf Oil Corporation
 Well No. 6
 Sec. 32 T. 18S R. 38E
 Lea County, New Mexico

The dates of this work were as follows: Completed April 19, 1952

Notice of intention to do the work was (checked) submitted on Form O-105 on March 5, 1952, and approval of the proposed plan was (checked) obtained. (Cross out irrelevant words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

1. Set 7" 24# Model I cast iron cement retainer at 3098'. Spacers cemented w/35 sacks regular cement by Halliburton. Maximum pressure 2000#. Back washed estimated 12 sacks cement. Top cement at 3050'.
2. Shot off 6-5/8" casing at 969' and pulled down.
3. Shot off 9-5/8" casing at 978' and pulled down.
4. Heavy mud from 3050' to 1050'.
5. Spotted cement plug from 1050' to 950'. 53 sacks cement.
6. Heavy mud from 950' to 50'.
7. Spotted cement plug from 50' to 0'. 20 sacks cement.
8. Installed 4" marker extending 4' above ground level and filled cellar.

Witnessed by: E. B. Jordan, Gulf Oil Corporation, Field Foreman

APPROVED: OIL CONSERVATION COMMISSION
 May 1952
 I hereby swear or affirm that the information given above is true and correct.
 Position: Area Prod. Supt.
 Representing: Gulf Oil Corporation
 Address: Box 2147, Hobbs, New Mexico

Production / Inter. Casing

6.625", 24.0# csg. (Assumed 8.25" Hole) @ 3965'
 400 sx - TOC @ 1185' by Calc.

Recompletion (Feb-May 1949):

Perforated 3148'-62" and 3188'-3204' (4 spf) Acidize w/ 5000 gals HCl - swab no show
 3145'-3205' - Shot w/ 24 qts. Nitro & 710 marbles - no show
 3145'-3205' - Shot w/ 150 qts. Nitro - Install Gas Lift

Openhole 3965' to 4166' (Original Comp.)

DTD @4166'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/11/2013

PLUGGED WELL SCHEMATIC

W.D. Grimes NCT-A Well No.14

API 30-025-07532

660' FSL & 660' FWL, SEC. 32-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/09/1948

P&A Date: 4/01/1948

*Well plugged by:
Gulf Oil Corporation*

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Well blew out and loss of circulation at 2600'. Satisfactory circulation could not be re-established. Abandoned hole if favor of new location. Pumped 320 sx thru drill pipe from 328' effectively sealing hole. Capped w/ 4 sx Cement.

Move rig to 990' FSL x 990' FWL for replacement well number 14Y

P&A Marker

G.L. 3630'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

313'

Form G-108

Surface Casing

8.625", 32.0# Csg (12.0" Hole) @ 313'
235 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for registration, results of showing well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on other operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below.

| | |
|--|---|
| REPORT ON BEGINNING DRILLING OPERATIONS | REPORT ON REPAIRING WELL |
| REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL | REPORT ON FILLING OR OTHERWISE ALTERING CASING |
| REPORT ON RESULT OF TEST OF CASING SHUT-OFF | REPORT ON REPAIRING WELL |
| REPORT ON RESULT OF PLUGGING OF WELL | Report of abandonment of unfinished hole and grades in location |

April 6, 1948 Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____
Gulf Oil Corporation _____
Company or Operator _____
of Sec. 32 T. 18S. R. 38E. N. M. P. M.
Block _____ Field _____ Loc. _____ County _____

The date of this work was as follows: _____
Notice of intention to do the work was (checked) submitted on Form G-108 on _____ April 6, 1948
and approval of the proposed plan was (checked) obtained. (Check out basement work.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Because of blow-out and lost circulation difficulties, it was necessary to abandon and plug the hole located 660' from west line and 660' from South line of Section 32-18S-38E, which had been drilled to a total depth of 400', and plug a new hole located 990' from South line and 990' from West line of Section 32-18S-38E. First hole was plugged by injecting a total of 320 sacks of cement through drill pipe from a depth of 258'. This filled the hole to the surface and it was then capped with 4 sacks of cement and abandoned on April 1, 1948. New hole was spudded on April 2, 1948.

Witnessed by: A. Clarkson _____ Gulf Oil Corporation _____ Foreman
Name _____ Company _____ Title _____
Subscribed and sworn before me this _____ day of _____ 1948. _____
Notary Public _____
My commission expires _____ 10-24-49 _____ Address _____ Hobbs, New Mexico
Remarks: _____
Name _____ Title _____

DTD 2600'

Production Casing

Casing Not Run (7.875" Hole) @ 2600'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/11/2013

PLUGGED WELL SCHEMATIC

W.D Grimes NCT-A Well No.14-Y

API 30-025-07534

990' FSL & 990' FWL, SEC. 32-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 4/04/1948

Well Shut-In: 4/1968 to 3/1974

P&A Date: 6/22/1996

Well plugged by:
Chevron USA, Inc.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz w/ 120 sx - 625' to Surf.

Sqz Perfs 275'

331'

Spot 25 sx
1560' to 1271'

Spot 25 sx
3100' to 2881'

Set CIBP @ 3100' for P&A

3141'

Formation Fluids

DTD @3256'

Openhole 3141-3256'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 36.0# Csg (12.25" Hole) @ 331'

235 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

| | | |
|---|--|--|
| State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088 | | WELL API NO
30-025-07534 |
| DISTRICT I
P.O. Box 1000
Santa Fe, NM 87504-1000
DISTRICT II
P.O. Box 1000
Santa Fe, NM 87504-1000
DISTRICT III
P.O. Box 1000
Santa Fe, NM 87504-1000 | | 5. Indicate Type of Lease
LEASE ☐ PERM ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
M. G. GRIMES (NCT-A)
8. Well No.
14Y
9. Well name or Wellhead
BOMERS-SEVEN RIVERS |
| SURVEY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL, OR TO CEASE OR PLUS BACK TO A
DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS) | | |
| 1. Type of Well
OIL ☒ GAS ☐ OTHER ☐
2. Name of Operator
Chevron U.S.A. Inc.
3. Address of Operator
P.O. Box 1150, Midland, TX 79702
4. Well Location
Well Letter B Section 32 Township 18S Range 30E Meridian 104N LEA County
5. Well Name
3031' | | |
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM PERMANENT WORK ☐ PLUS AND ABANDON ☐ PERMANENT WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPER. ☐ PLUS AND ABANDONMENT ☒
PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐
OTHER ☐ OTHER ☐ | | |
| 12. Describe the Proposed or Completed Operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.)
SEE REG. 1108
FOR WORKING COPY, SET CIBP 35100'; SPOT 25 SX CLASS C, CINE (700 #2801').
PUMPED 25 SX CLASS C 1560'-1271'.
PERFOR 275'; CIRCULATED 120 SX CLASS C 625'-SURF (5-1/2" CASING FULL OF CEMENT).
SET P&A NUMBER
WELL P&A 6/22/96 | | |

I hereby certify that the information given is true and complete to the best of my knowledge and belief.
 DATE **6/9/96**
 SIGNATURE **J. E. REPLEY** TITLE **TECHNICAL ASSISTANT**
 SIGNATURE **Johnny Coleman** TITLE **MANAGER** (515) 488-7148

Production Casing

5.5", 14.0# Csg. (8.75" Hole) @ 3141'

800 sx - TOC @ 355' by Temp

SOS Consulting, LLC

Drawn by: Ben Stone, 3/11/2013

SECTIONS
33 & 34

PLUGGED WELL SCHEMATIC **Trucker's (Brine Station) Well No.2** **(Formerly State A-33 Well No.10)**

API 30-025-07551

1980' FSL & 1980' FWL, SEC. 33-T18S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 2/09/1949

Convert to Brine: 12/01/1980

P&A Date: 4/03/2007

Well plugged by:
Key Energy Services

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 10 sx
 60' - 0'

During final P&A, TTH w/ tubing running
 outside casing @ 1850'. Impression block
 indicated parted and laid over @ 1350'.

Sqz Perfs 395'
 Sqz w/ 20 sx

Circ. Plugging Mud

Spot 20 sx
 1300' to 1100'
 (Tagged)

CIBP @ 1300'
 (Appr'd OCD during P&A)

Note: This well was originally completed as
 the State A-33 No.10. It was P&A'd on
 1/13/1971. It was re-entered in by Trucker's
 Water Company and renamed the Trucker's
 (Brine Station) No.2 and completed as a Brine
 Supply well. The well was apparently utilized
 until about 1991 and P&A'd on April 3, 2007.
 The current P&A status of the wellbore is
 illustrated.

Spot 25 sx
 2350' to 2150' (Calc.)

Junk TBG & Bit
 left in hole

Spot 40 sx
 2198' to 2935' (Tagged)
 (For 1971 P&A)

PBTD @ 2935'

Perfs 3148'-56' (Orig.)

3195'
 DTD @ 3198'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 36.0# Csg (12.25" Hole) @ 345'
 200 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

| | | | |
|--|--|---|----------------------------|
| Submit 3 Copies To Appropriate District Office
(Check)
District 1: 1001 N. French Dr., Hobbs, NM 88240
District 2: 1001 W. Grand Ave., Artesia, NM 88210
District 3: 1008 San Bruno Rd., Alamo, NM 87410
District 4: 1228 S. St. Francis Dr., Santa Fe, NM 87505 | | State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505 | Form C-103
May 27, 2004 |
| SUNDRIES NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | 5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
Self Mining Lease
7. Lease Name or Unit Agreement Name
Trucker's (Brine Station)
8. Well Number
3
9. CORID Number
99997
10. Post name or Wildcat
NW-W Salado | |
| 1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐
2. Name of Operator
Key Energy Services
3. Address of Operator
PO Box 99 Eadsen New Mexico 88231 | | 4. Well Location
Unit: 1980' Sec from the South Line and 1980' Sec from the West Line
Township: 18-S Range: 38-E NMPRA Loc: 3637-0-1
11. Elevation (Show whether DR, RER, RT, GR, etc.)
3637' G.L.
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:
REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REPAIRING CASING ☐ ALTERING CASING ☐
PARTIALLY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ P AND A ☐
ALTER CASING ☐ MULTIPLE COMPL. ☐ CASING/CEMENT JOB ☐ OTHER ☐ | |
| Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates of starting any proposed work). SEE RULE 1143. For Multiple Completions: Attach wellbore diagram of proposed completion or completions.
2-29-07 MRU pulling unit. Notified OCD on rig up. Open well and flow well overnight.
3-30-07 RU BOP. Tag @ 1850' w/ gauge ring. TTH w/ bit and tag came 1850'. TTH O.L. tag at 1850' worked tubing thru and TTH to 2350'. Spot 25 sks of cement @ 2350'. POH and discovered tubing went out side of casing @ 1850'. Notified Gary Wink, he required an impression block run.
4-2-07 TTH w/ impression block to 1358'. Showed casing had laid over. POH Chris Williams ok'd setting CIBP @ 1300'. RU wireline and set CIBP @ 1300'. TTH w/ tubing tag CIBP. Circulate well w/ plugging mud. Spot 20 sks 1300'. WOC & tag @ 1100'.
4-3-07 Chris Williams added a perf and squeeze @ 395'. RU wireline and perf @ 395'. Squeezed 20 sks displaced TOC to 295'. No circulation to surface, removed surface wellhead valve and cement was present. Spot 10 sk surface plug 60' surface.
5. Cut off wellhead and install 7" BCL. Cap well. Install dry hole marker. | | | |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that my pit or bottom grade seal has been/ will be registered or closed according to NMSD guidelines. ☐ a general permit ☐ or no (satisfactory alternative OCD approved plan ☐ | | | |
| SIGNATURE: <i>Gary W. Wink</i> TITLE: Agent DATE: 4-4-07
Type or print name: Jack Shellen E-mail address: jshellen@keyenergy.com Telephone No. 432-523-5253
For State Use Only: KEY FIELD REPRESENTATIVE BY STAFF MANAGER | | APPROVED BY: <i>Harry W. Wink</i> TITLE: DATE: 4-4-2007
Conditions of Approval (if any): | |

Recomplete as Brine Well 12/1980: Drill out surface plug & L/U to 1U @ 2935'. Perf 2400'-10' and 2060'-70' (2 jspl). Set PKK @ 2100' and pressured up to 1500 psi. Established rate w/ Fresh Water. Pump down backside and produce brine through tubing.

Note: In 1991, there is evidence of high difficulty in an attempt to workover the well. Lots of twisted tubing and eventually milled through. Eventually retrieved PKR but left 71 jts. (No indication of how much, if any, was fished. Of 2-7/8" tubing and 4-1/2 bit in hole.) Report also indicated casing parted @ 1916' and 2026'. Casing damage over long interval from brine operation.

Production Casing

5.5", 14.0# csg. (7.875" Hole) @ 3195'
 1000 sx - Calc. to Circ. Not Rpt'd

SOS Consulting, LLC
 Drawn by: Ben Stone, 3/12/2013

PLUGGED WELL SCHEMATIC

W.D. Grimes (NCT-B) Well No.6

API 30-025-07558

1980' FSL & 960' FEL, SEC. 33-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 3/24/1949

TA Status Date: 12/03/1991

P&A Date: 12/08/1995

Well plugged by:
Chevron USA, Inc.

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs 350'
Sqz w/ 100 sx
Circ to Surf / Lv Hole Full

Spot 45 sx
1670'-1430'

Circ. Hole w/
9.5# Mud Ladened Fluid

Spot 25 sx
2715'-2475'

Spot 15 sx
3100'-2956'

CIPB @ 3100'
(Set for 1991 TA Status)

Formation Fluids

P&A Marker

D.F. 3636'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 32.0# Csg (12.25" Hole) @ 300'
225 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

Submit 3 Copies
to Approver
Phone Office

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2808
Santa Fe, New Mexico 87504-2088

Form O-100
Revised 1-1-89

DISTRICT 1
P.O. Box 1980, Santa Fe, NM 87504
DISTRICT 2
P.O. Box 98, Alameda, NM 87001
DISTRICT 3
1000 Old Street, N.E., Albuquerque, NM 87106

| | |
|------------------------------|------------------|
| APR 10, 1996
30-025-07558 | |
| 1. Well Name | 2. Well Type |
| 3. Well Status | 4. State |
| 5. Well Depth | 6. Well Location |
| 7. Well Owner | 8. Well Operator |
| 9. Well Lease | 10. Well Section |
| 11. Well Township | 12. Well Range |
| 13. Well Meridian | 14. Well County |

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO CHANGE OR PLUG BACK TO A
DIFFERENT DEPTH. USE "APPLICATION FOR PERMIT"
(FORM O-101) FOR SUCH PROPOSALS.)

| | | | |
|------------------|------------------|-------------------|------------------|
| 1. Type of Well | 2. Well Status | 3. Well Depth | 4. Well Location |
| 5. Well Owner | 6. Well Operator | 7. Well Lease | 8. Well Section |
| 9. Well Township | 10. Well Range | 11. Well Meridian | 12. Well County |

NOTICE OF INTENTION TO:
PLUG AND ABANDON
CHARGE PLUG
PLUG BACK TO SURF
OTHER

Subsequent Report of:
ALTER CHARGE
PLUG BACK TO SURF
OTHER

1. Number Proposed or Completed Completions. Specify date of completion, well name, and give permit name including
estimated date of starting, and estimated cost. See REG. 1103.

PLUG #1, TAG CIPB @ 3100' DUMP 16 SX ON TOP TO 2956'. SET 25 SX P/2715'-2475'.
PLUG #2, 25 SX PLUG FROM 1670'-1430', COVERS SALT ZONE.
PLUG #3, PERF & CIRC 100 SX FROM 350' TO SURF, COVERING 3 S.S. SHOE.
PLUG #4, FILL 6 1/2" TO SURF WITH 36 SX.
ALL PLUGS ARE CLASS C HEAT MIXED AT 14.6 PPG, 1.32 CUFFY SX. DISPLACE
HOLE WITH 9.5 PPG MUD LADEN FLUID. PULL DEAD BROW ANCHORS, FILL PITS, LEVEL LOCATION,
PLACE P&A MARKER & CHANGE STATUS OF WELL TO P&A 12/8/95.

| | |
|--|----------------------------|
| 1. Transfer, verify that the information is correct and complete for the use of this knowledge and basis | DATE: 12/20/95 |
| 2. TECH. ASSISTANT | TELEPHONE NO: 9131697-7828 |
| 3. APPROVED BY: WENCH KINGSTON | DATE: 12/20/95 |

Production Casing

5.5", 14.0# J-55 Csg. (7.875" Hole) @ 3150'
775 sx - TOC @ 550' by Temp

Openhole 3150'-3229'

DTD @ 3229'

SOS Consulting, LLC

Drawn by: Ben Stone, 3/12/2013

PLUGGED WELL SCHEMATIC

State A-3 Well No.27

API 30-025-07561

760' FSL & 610' FEL, SEC. 33-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 6/18/1949

TA Status Date: 1/29/1993

P&A Date: 12/20/1997

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 40 sx
388' - 0'

Spot 45 sx
1850'-1601'
(Tagged)

Circ. Hole w/
Mud Ladened Fluid

Spot 50 sx
Tagged @ 2606'

CIPB @ 3100'
(Set for 1993 TA Status)

Formation Fluids

P&A Marker

D.F. 3636'

338'

3160'

DTD @3220'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 32.0# Csg (12.25" Hole) @ 338'
250 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

DISTRICT I
P.O. Box 990, Hobbs, NM 88340

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

WELL APPLICANT
30-025-07561
3. Indicate Type of Lease
P&A ☒ STATE ☒ FED ☐
4. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMITS"
(FORM C-101 FOR SUCH PROPOSALS.)

| | | |
|---|--|--|
| 1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐ | 2. Name of Operator
OCCIDENTAL PERMIAN, LTD | 3. Lease Name on This Agreement
STATE A-3 |
| 4. Address of Operator
1017 W STANDEN RD | 5. Well No.
27 | 6. Field name or Wellhead
BOWERS - SEVEN RIVERS |
| 4. Well Location
Unit Letter <u>P</u> Section <u>33</u> Township <u>18S</u> Range <u>38E</u> Meridian <u>NM</u> LEA County
10. Elevation (Show whether SL, BBL, RT, GL, or I)
3636' GL | | |

| | | | |
|--|--|--|--|
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ OTHER ☐ | | SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
CONDUCE DRILLING OPS ☐ PLUG & ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐ OTHER ☐ | |
|--|--|--|--|

12. Describe Proposed or Completed Operations of Well, state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. SEE REGS 1105

NOTIFY THE NMOC (24 hrs BEFORE RIG UP) (303-4161):
TAG CIPB @ 3100' CAP W/50 SX'S CLASS C CMT TAG @ 2606'
CIRC WELL WITH M L F
SPOT 25 SX'S CMT @ 1850' - Tag @ 1465'
SPOT 40 SX'S CMT @ 388' TO SELF

CUT OFF WELLHEAD AND CASING 4' BELOW GROUND LEVEL. WELD STEEL PLATE WITH LEGAL INFORMATION TO CASING 4' BELOW GROUND LEVEL.

ROPE: CLEAN LOCATION

Rig Up Date: 12/15/1997
Rig Down Date: 12/20/1997

I hereby certify that the information shown is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Gilbert TITLE SR. ENG. TEST DATE 12/20/1997
TYPE OR PRINT NAME R.M. GILBERT TELEPHONE 505/975-8286

(Date upon the State Seal)
APPROVED BY Johnny Robinson TITLE COMPLIANCE OFFICER DATE DEC 30 2002
CONSIDERING OR APPROVAL BY GWW

Production Casing

5.5", 14.0# J-55 Csg. (7.875" Hole) @ 3160'
700 sx - Calc to Surface - Not Reported

Openhole 3160'-3220'

12/07/54: Fracked w/ 20,000 oil & 30,000 # sand.

SOS Consulting, LLC

Drawn by: Ben Stone, 3/12/2013

585' FSL & 585' FWL, SEC. 33-T18S-R38E
LEA COUNTY, NEW MEXICO

P&A Date: 1/13/1971

10.75", 32.75# Csg (13.375" Hole) @ 371'
300 sx - Circulate to Surface

5.5", 17.0# csg. (7.875" Hole) @ 3210'
1000 sx - Calc. to Circ. Not Rpt'd

DTD @3235'

Spot 40 sx
3170' to 3100'

3199'



SOS Consulting, LLC

Drawn by: Ben Stone, 3/11/2013

PLUGGED WELL SCHEMATIC **Conoco State Well No.2**

API 30-025-23856

2086' FSL & 2086' FWL, SEC. 33-T18S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 8/30/1971
 P&A Date: 12/11/2003

Well plugged by:
Saga Petroleum

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs @ 320'
 Sqz w/ 200 sx
 (Circ. All Strings)
Sqz Perfs @ 452'
 Sqz w/ 50 sx Tag @ 327'

Sqz Perfs @ 1500'
 200 sx

Sqz Perfs @ 1700'
 CICR @ 1793'

1. Killed well w/ 12# Mud
2. Set CICR @ 1793'
3. Pump 1200 sx thru CICR
4. Perf @ 1700' - Flowed Water
5. Killed well w/ 15# Mud
6. Set CICR @ 1503' - Sqz w/ 200 sx
7. Perf @ 452' - Sqz w/ 50 sx
8. Perf @ 320' - Sqz w/ 200 sx - Circ. to Surf.

Well Killed w/ 12# Mud

P&A Marker

G.R. 3635'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

13.375", 48# Csg. (17.0" Hole) @ 402'
 410 sx Class 'C' - Circulated

Remedial 5/14/85: Sqz down 9-5/8" w/ 375 sx Tagged w/ R/A Tracer
 Cement into formation 2454'-2424' w/ Hot Spots 2038' to 232'; Water Flow Shut Off

Intermediate Casing

9.625", 32/36/40# Csg. (12.25" Hole) @ 3797'
 350 sxs Class 'C' - TOC @ 998' Calculated

<P&A SUBSEQUENT SUNDRY>

| SUNDRY NOTICES AND REPORTS ON WELLS | | A. Lease Name or Unit Agreement Name | |
|--|---|--|--|
| (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR REDEVELOP OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-100) FOR SUCH PROPOSALS.) | | Conoco State | |
| 1. Type of Well
Well ☒ Gas ☐ Other ☐ | 2. Name of Operator
Saga Petroleum | 3. Well No.
2 | 4. Field name or Wellbore
Hobbs Upper Blinberry/Hobbs Drakars |
| 5. Well Location
A15 W, Well. Suite 1980, Midland, TX 79701 | | 6. Well Status
Producing | |
| 7. Well Section
Section 33 | 8. Township
18N | 9. Range
30E | 10. Meridian
NAD83 |
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEMPORARY ABANDON ☐ | PLUG AND ABANDON ☐ | REDEVELOP WORK ☐ | ALTERING CASING ☐ |
| PULL OR ALTER CASING ☐ | CHANGE PLUGS ☐ | COMMENCE DRILLING OPER. ☐ | PLUG AND ABANDONMENT ☒ |
| OTHER: _____ | | OTHER: _____ | |
| 12. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of completion of proposed work) SEE PAGE 1098 | | | |
| 12/09/03 Pump 120 mud to kill well.
12/05/03 Set 23 Services and pump 1200 sx cnt. under 7" cnt. rot. @ 1793' over displaced rot. WOC
12/06/03 Stung into rot. and test to 600 PSI and held.
12/08/03 Perf. above cnt. rot. @ 1793', well started flowing water. Pump 450 mud to kill well. Set 7" cnt. rot. @ 1583', sqz. w/ 200 sx cnt. @ 3 RPM @ 600-1200 GPM.
12/10/03 Perf. above rot. @ 1500' and pressure test to 500 PSI and held.
12/10/03 Displaced cnt. WOC. Stung into rot. and pressure test to 500 PSI w/ allow bleed off.
12/11/03 Perf. @ 452' establish rate @ 1.5 BPM @ 800 PSI w/no returns out of 9-5/8". Set phr. @ 195', sqz. w/ 50 sx cnt. displaced TOC down to 350', WOC & tag 300 @ 327'.
12/11/03 Perf. @ 320' pump down 7" and establish circ. out of 9-5/8" & 13-3/8" cas. Circ. cnt. to surface in all strings w/ 200 sx cnt. 206 @ surface.
I hereby certify that the information shown herein is true and complete to the best of my knowledge and belief. | | | |
| Prepared by: Roger Messery | | Date: 12/15/03 | |
| Checked by: _____ | | Approved by: _____ | |
| Title: _____ | | Title: _____ | |
| Signature: _____ | | Signature: _____ | |
| Date: _____ | | Date: _____ | |

Recompletion 10/11/72: Add Perfs 5830'-91' and 6523'-33'
 Actd Upper w/ 5000 gals. HC; Frac Lower w/ 20,000 gals. Gel w/ 3/4# gal. 20/40 sand

Perfs 6681'-6722'

Original Completion

Perfs 6764'-6963'

Production Casing

7.0" 23.0# Csg. (8.75" Hole) @ 7075'
 600 sxs - TOC @ 3503' Calculated

PBTD @ 7045'

TD @ 7075'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/19/2013

2060' FSL & 660' FWL, SEC. 33-T18S-R38E
LEA COUNTY, NEW MEXICO

P&A Date: 1/13/1971

Drawn by: Ben Stone, 2/11/2013

PLUGGED WELL SCHEMATIC
Pre-Ongard Well No.5
(Formerly East Grimes Well No.5)
API 30-025-07557
 550' FNL & 2086' FEL, SEC. 33-T18S-R38E
 LEA COUNTY, NEW MEXICO

Spud Date: 5/11/1948
 TA Status Date: 7/11/1958
 P&A Date: 4/18/1960

Well plugged by:
Gulf Oil Corporation

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 10 sx
 80' - 0'

P&A Marker

G.L. 3852'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

9.625", 40# Csg (13.375" Hole) @ 312'
 375 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

Loaded Hole w/
 Heavy Mud

Spot 35 sx
 3226' to 2946'

3130'

DTD @3226'

Openhole 3130'-3262'

Production Casing

5.5", 14.0# H-40 Csg. (7.875" Hole) @ 3130'
 700 sx - Calc. to Circ. Not Rpt'd

| NEW MEXICO OIL CONSERVATION COMMISSION | | | | | | FORM C-100
(Rev. 3-57) |
|---|--------------------|--|---|-------------------------------------|--------------------|---------------------------|
| MISCELLANEOUS REPORTS ON WELLS | | | | | | |
| (Submit to appropriate District Office as per Construction Rule 111C) | | | | | | |
| Name of Company Gulf Oil Corporation | | Address Box 2167, Tulsa, Oklahoma | | | | |
| Lease W. B. Grimes (M-7-B) | Well No. 30 | Unit 1 | Section 18-S | Range 30-E | | |
| Dated 4-18-60 | Pool Summit | County Lea | | | | |
| THIS IS A REPORT ON: (Check appropriate block) | | | | | | |
| ☒ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☐ Remedial Work | | | | | | |
| Detailed account of work done, nature and quantity of materials used, and results obtained. | | | | | | |
| Plugged and Abandoned as follows:
1. Loaded hole with heavy mud.
2. Spotted 35 sx cement 3226'-2946'.
3. Pressure tested 5 1/2" casing with 1000# for 30 minutes. No drop in pressure.
4. Spotted 10 sx cement from 80' to surface in 5 1/2" casing.
5. Installed 1 1/2" pipe marker extending 4' above ground. | | | | | | |
| Executed by J. E. McPherson | | Production Form | | Company Gulf Oil Corporation | | |
| FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY | | | | | | |
| ORIGINAL WELL DATA | | | | | | |
| O.F. Elev. | T.D. | P.B.T.D. | Producing Interval | Completion Date | | |
| Tubing Diameter | | Tubing Depth | Oil String Diameter | Oil String Depth | | |
| Perforated Interval(s) | | | Producing Formation(s) | | | |
| Open Hole Interval | | | Producing Formation(s) | | | |
| RESULTS OF WORKOVER | | | | | | |
| Turn | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | |
| Before Workover | | | | | | |
| After Workover | | | | | | |
| OIL CONSERVATION COMMISSION | | | I hereby certify that the information given above is true and complete to the best of my knowledge. | | | |
| Approved by Leslie A. Chambers | | | Name Jim Russell | | | |
| Title | | | Position Area Production Manager | | | |
| Date | | | Company Gulf Oil Corporation | | | |

SOS Consulting, LLC

Drawn by: Ben Stone, 2/11/2013

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.431

API 30-025-07568

1640' FSL & 1190' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 2/08/1938

TA Status Date: 11/15/1999

P&A Date: 3/06/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

P&A Marker

G.L. 3624'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 45# Csg (17.5" Hole) @ 200'
200 sx - Circulate to Surface

Sqz Perfs 407'
Sqz w/ 210 sx - Circ. to Surf.

Spot 25 sx
2010' to 1856'

Circulate Hole w/
Plugging Mud

Spot 25 sx
4010' to 3856'

CIBP @ 4010'
(Set for 11/99 TA Status)

Formation Fluids

DTD @ 4241'

| SUNDY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM G-10) FOR SUCH PROPOSALS.) | | | | | | | | | |
|--|-------------|--|----------|-------|------|------|------|--------|-------|
| Type of Well
Oil ☒ Gas ☐ Other ☐ | | 4. Lease Name or Unit Agreement Name
North Hobbs (GSA) Unit | | | | | | | |
| Name of Operator
Occidental Permian, Ltd | | Well No.
431 | | | | | | | |
| Address of Operator
1817 W. Shattuck Rd. Hobbs, New Mexico 88240 | | Field Name or Field
Hobbs, Grayburg-San Andres | | | | | | | |
| Well Location | Unit Letter | Section | Township | Range | Line | East | Line | County | State |
| | | 34 | 18-S | 38-E | 1190 | | | Lea | NM |
| Additional (Show whether DP, RAB, RT, GR, etc.)
3624' GL | | | | | | | | | |

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | COMMENCE DRILLING OPER. | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☒ |

Describe Proposed or Completed Operations. Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. (SEE RULE 1903)

0306/2004 Tagged existing CIBP @ 4010'. Circulate well w/ plugging mud. Spot 25 sbs of cement on top of CIBP @ 4010'-3856'
Spot 25 sbs of cement @ 2010'-1856'
0307/2004 Perf. @ 407' Circulate 210 sbs of cement around to surface

Cut off well head & anchors 4' BGL. Cap well w/ steel plate. Weld legs to plate and attach to wellhead 4' BGL

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

| | | |
|---|-----------------------------------|---------------------|
| Signature
<i>Robert Gilbert</i> | Title
W.O. Corp. Specialist | Date
4-5-09 |
| Signature
<i>Robert Gilbert</i> | Signature
<i>Harry W. Wink</i> | DATE
APR 07 2009 |
| OC FIELD REPRESENTATIVE (W/TAFF MANA-1-1) | | DATE |

Production Casing

7.0", 22.0# Csg. (9.625" Hole) @ 4063'
800 sx - TOC @ 1008' by Calc.

Openhole 4063'-4241'

Acidized w/ 2000 gals. HCl

SOS Consulting, LLC

Drawn by: Ben Stone, 2/13/2013

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.421

API 30-025-07573

2485' FNL & 1184' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/29/1961

P&A Date: 10/27/1997

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Perfs 422'
Sqz 70 sx to Surface

1650' to 1393'
Spot 25 sx

Sqz Perfs 1750'
Sqz 50 sx thru
CICR @ 1650'

2900' to 2643'
Spot 25 sx

Sundry Intent indicates:
Circulate Hole w/
9.5# Plugging Mud

CIBP @ 4130'
Cap w/ 25 sx
4130' to 3873'

Formation Fluids

P&A Marker

G.L. 3630'

372'

4303'

TD @4303'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# Csg (12.25" Hole) @ 372'
375 sx - Circulate to Surface

<P&A SUBSEQUENT SUNDRY>

| | | | |
|---|---|--|--------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-1011) FOR SUCH PROPOSALS.) | | 1. Lease Name or Other Agreement Name
N. HOBBS (GSA) UNIT | |
| 2. Name of Operator
ALTURA ENERGY LTD. | 3. Address of Operator
P.O. BOX 4294 HOUSTON, TEXAS 77218-4294 | 4. Well Location
Sec 34 T18S R38E | 5. Well No.
421 |
| 6. Check appropriate box to indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ PERMANENTLY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ OTHER ☐ | | SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPER. ☐ PLUG AND ABANDONMENT ☐ CASING TEST AND CEMENT JOB ☐ OTHER ☐ | |

13 12/24/97 CIBP 4130', SPOT 25 SXS CIBP #1 4130'-3873'
14 12/24/97 2500' 25 SXS. (PLUG #2 2900'-2643')
15 12/24/97 PERF 4 HOLES 1750', REM CIBP 1650', SEE 30 SXS UNDER RT.
16 12/24/97 25 SXS. (PLUG #4 1650'-1293')
17 12/27/97 PERF 4 HOLES 422' SPOT 70 SXS CUT ON 8-5/8" & 4-1/2" TO SURFACE.
18 12/27/97 CUT OFF WELL HEAD & INSTALL DRY HOLE MARKER.

19 12/27/97 2500' 25 SXS. (PLUG #2 2900'-2643')
20 12/27/97 PERF 4 HOLES 1750', REM CIBP 1650', SEE 30 SXS UNDER RT.
21 12/27/97 25 SXS. (PLUG #4 1650'-1293')
22 12/27/97 PERF 4 HOLES 422' SPOT 70 SXS CUT ON 8-5/8" & 4-1/2" TO SURFACE.
23 12/27/97 CUT OFF WELL HEAD & INSTALL DRY HOLE MARKER.

Production Casing

4.5", 11.6# Csg. (7.875" Hole) @ 4303'
500 sx - TOC @ 2620' by Lane Wells CTL

1st Recomplete 11/82: Add Perfs 4207'-11', 16'-20', 26'-30' and 4250'-57' (2 jsfp)
Acidize w/ 85 bbls. HCl-NEA

Original Perfs 4236'-40' and 4248'-50' (4 jsfp)
Acidize w/ 2000 gals. Acetic & Dowell XW
Frac w/ 40,000 gals w/ 72,500# sand

2nd Recomplete 9/88: Add Perfs 4270'-95' (2 jsfp)
Acidize w/ 2000 gals. HCl

SOS Consulting, LLC

Drawn by: Ben Stone, 2/13/2013

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.1

API 30-025-07575

660' FNL & 660' FWL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/12/1934

TA Status: 6/11/1998

P&A Date: 8/30/2002

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS: 270' - 0'
Cmt Fill to Surf.
Ssqz Perfs @ 275'
Ssqz w/ 85 sx

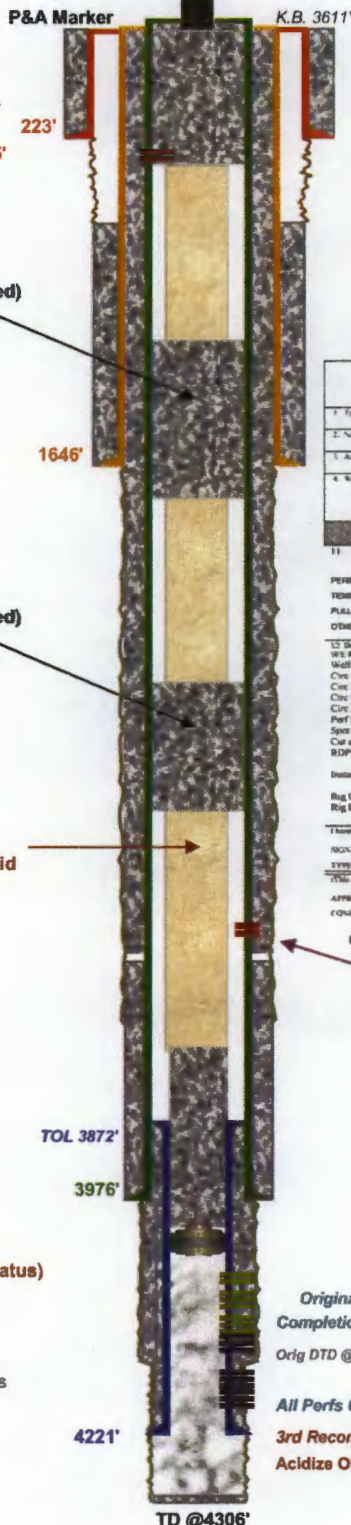
1748'-1044' (Tagged)
Spot 50 sx

3040'-2670' (Tagged)
Spot 30 sx

Circ. Hole w/
Mud Ladened Fluid

CIBP @ 4097'
(Set for 6/1998 TA Status)

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
16.0", 70# csg. (20.0" Hole) @ 223'
90 sx El Toro - Circulated

Intermediate Casing
10.75", 40# csg. (13.625" Hole) @ 1646'
350 sx El Toro - TOC @ 561' Calc.

<P&A SUBSEQUENT SUNDRY>

| SUNDRY NOTICES AND REPORTS ON WELLS | | 1. Lease Name or U.S. Agreement Name | |
|---|------------------|--------------------------------------|--|
| (DO NOT USE THIS FORM FOR PERSONALS TO SMALL OR TO DISPOSE OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLY ATRN FOR PERMIT" FORM C-101 FOR BACK PLUGS OR PERSONALS) | | SOUTHER HOBBS (GSA) UNIT | |
| 2. Name of Operator | 3. Well No. | 4. Well Name | |
| Occidental Permian, LTD. | 66 | HOBBS (GSA) | |
| 5. Address of Operator | 6. Well Location | 7. Well Status | |
| 1817 W. Shattuck Rd., HOBBES, N.M. 88240 | 505-797-8295 | Plugged | |
| 8. Well Location | 9. Well Status | 10. Well Status | |
| Section 34 | Range 38E | Township 18S | |
| Range 38E | Section 34 | Range 38E | |

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|---|----------------------------|---|
| PERFORM REMEDIAL WORK | ☐ PLUG AND ABANDON | REMEDIAL WORK | ☐ ALTERNATE CASING |
| TEMPORARILY ABANDON | ☐ CHANGE PLANS | COMMENCE DRILLING OPER. | ☐ PLUG & ABANDONMENT |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |

12. Describe Proposed or Completed Operations (If Sealed under all pertinent details, including pertinent data, including estimated date of starting any proposed work)
We are plugging well No. 1. CIBP set @ 4097' Spot 35 set on CIBP @ 3987'. Tag TOC @ 3997'.
Circ Mud Gel from 3997' to 3925' Spot core from 3925' to 3772' Top of 5" liner @ 3713'.
Circ Mud Gel from 3772' to 3625' Spot core from 3625' to 3494' But at Aubly @ 3660'.
Circ Mud Gel from 3494' to 1700' Spot core from 1700' to 1550' Top of Aubly @ 1660'. But of 16.0" csg @ 1647'.
Circ Mud Gel from 1550' to 275' Tag core @ 1550'.
Perf 5" holes @ 275'. Could not get my run. Called NMOC. Perf 5" holes @ 201'. Could not get my run. Called NMOC.
Spot core from 275' to surface.
Cut off wellhead and install dry hole marker.
ROPLU. Clean Location.

Detail dry hole marker 4' below ground level due to its town location. SHL 001, UL - D, 660 FNL, 660 FWL.
Rig Up Date: 09/28/2002
Rig Down Date: 09/30/2002

I hereby certify that the foregoing is true and complete to the best of my knowledge and belief.
SIGNATURE: Robert G. Galt TITLE: SR. ENGINEER DATE: 09/30/2002
APPROVED BY: [Signature] TITLE: [Signature] DATE: DEC 10 2002

Remedial / 1st Recomplete: 3/04/1948: Perf @ 3195' &
Ssqz w/ 1300 sx - Circ. to surface; Ran 5" LNR to 4221'
Perforate 4130'-50' and 4160'-90' w/ 6 spf; Acidz & Rtn to Prod.

Production / Inter. Casing
7.0", 22# csg. (12.25" Hole) @ 3976'
150 sx El Toro - TOC @ 3306' by Calc.

Remedial / 2nd Recomplete 10/04/78: D/O to 4246';
Perf 4080'-86', 4090'-4104' and 4114'-30';
Acidize OH w/ 3000 gals./ Lwr Perfs w/ 3500 gals.
Isolate w/ BP and Acidz Upr Perfs w/ 2000 gals.; Rtrv BP & Rtn to Prod.

Original Openhole
Completion 3976'-4199'
Orig DTD @ 4199'

Production Liner
5.0", 18.0# N-80 Csg. (6.75" Hole) @ 4221'
50 sx 'C' - TOC @ 4221'

All Perfs Open: 4080' to 4190'
3rd Recomplete 4/17/90: D/O new hole to 4306' w/ 4.125 bit
Acidize OH w/ 2000 gals.

SOS Consulting, LLC
Drawn by: Ben Stone, 2/15/2013

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.311

API 30-025-12509

1022' FNL & 2310' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Well plugged by:
Occidental Permian, LTD

Spud Date: 7/18/1935

P&A Date: 6/29/2011

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

* Proximity to Public Bldgs

P&A Marker 4' BGL*

G.R. 3641'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50.0# Csg. (Assumed 13.5" Hole) @ 282'
50 sx El Toro - Circ. to Surface

Intermediate Casing

9.625", 36.0# Csg (Assumed 12.25" Hole) @ 1700'
625 sx El Toro - Circ. to Surface

Sqz Perfs @ 400'
Circ. 120 sx 400' - 0'

Sqz Perfs @ 1820'
Sqz w/ 100 sx @ 2 bpm
Tag @ 1580'

Spot 30 sx
2918'-2685' (Tagged)

Circ. Hole w/
10# Mud Ladened Fluid

Spot 30 sx on CIBP

Tag Existing CIBP @ 4060'
(No record of date set)

Formation Fluids

4134'

TD @4254'

<P&A SUBSEQUENT SUNDRY>

| | | |
|--|--|--|
| SUNDRY RECORDS AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DESPHER OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - FORM C-101) FOR SUCH PROPOSALS.) | | 7. Lease Name or Unit Agreement Name
North Hobbs GSA Unit |
| 1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐ | 8. Well Number
311 | 9. OGRID Number
157984 |
| 2. Name of Operator
Occidental Permian Ltd. | 10. Pool name or Wildcat
Hobbs - Erickson-Sgt. Andres | |
| 3. Address of Operator
P.O. Box 6254, Houston, TX 77210-6254 | | |
| 4. Well Location
Unit Letter: E, 1022' East from the North line and 2310' feet from the East line
Section: 34 Township: 18-S Range: 38-E NMPM County: Lea | | |
| 11. Elevation (Show whether GR, RBL, RT, GR, etc.)
3641' GR | | |

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| | | | |
|--|---|--|---|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ | ALTERING CASING ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPNS. ☐ | P AND A ☒ |
| PULL OR ALTER CASING ☐ | MULTIPLE COMPL. ☐ | CASING/CEMENT JOB ☐ | |
| DOWNHOLE COMMINGLE ☐ | | | |
| OTHER: ☐ | | OTHER: ☐ | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work). SEE RULE 1183. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Plug and abandon the subject well as follows:

6/27/11 - 6/29/11:

NI x RJ plugging unit. ND MH x BU BOP. RJH with perf sub on 128 jts. production tubing. RJ pump truck x circulate well with 75 bbls 10 ppg mud-laden fluid. Tag existing CIBP at 4060'. Spot 30 sx. cement on tag x flush with 22 bbls 10 ppg mud. Pull uphole x spot 30 sx. cement at 2918'. RQDH with tubing x RJH with 7" AD-1 packer x set at 1585'. RJH with wireline x tag at 2685'. Pull uphole x perforate at 1820'. Establish injection rate into perfs - 2 bbls per minute @ 1400 psi with full returns. Mix and pump 100 sx. Cl. C x flush with 13 bbls 10 ppg mud. Release packer and reset at 30'. RJH with wireline x tag plug at 1580'. Pull uphole x perforate at 400'. ND BOP x BU MH. Circulate 120 sx. cement from 400' to surface. RD plugging unit x clean location.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE: Mark Stephens TITLE: Regulatory Compliance Analyst DATE: 7/12/11
Type or print name: Mark Stephens E-mail address: Mark.Stephens@ocp.com PHONE: (713) 366-5158
Exec State License: Mark Stephens TITLE: Compliance Officer DATE: 7/25/2011
Conditions of Approval (if any):

Production / Inter. Casing

7.0", 23.0# csg. (Assumed 11.5" Hole) @ 4134'
850 sx El Toro - TOC @ 2470' by Calc.

Recomplete 11/08/82: D/O to 4254';

Acidz w/ 7000 gals.15% HCl NEA; Rtn to Prod.

Openhole 4134' to 4254'

Original DTD 4241'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/18/2013

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.321

API 30-025-12510

2310' FNL & 2310' FEL, SEC. 34-T18S-R38E

LEA COUNTY, NEW MEXICO

Well plugged by:
Altura Energy, LTD

Spud Date: 3/16/1935

P&A Date: 10/30/1997

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot 25 sx
174' - 0'

Spot 25 sx 276'
326' - 174'

Spot 25 sx
1700' - 1548'

Sqz Perfs @ 1800'
Sqz w/ 35 sx @ 2.25 bpm
Thru CICR @ 1700'

Spot 25 sx
2400' - 2543'

Circ. Hole w/ 9.5# Mud

Spot 25 sx
4000' - 3848'
CIBP @ 4000'

Formation Fluids

P&A Marker

G.R. 3635'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50.0# Csg. (Assumed 13.5" Hole) @ 276'
150 sx El Toro - Circ. to Surface

Intermediate Casing

8.625", 32.0# Csg (Assumed 12.25" Hole) @ 1677'
250 sx El Toro - Circ. to Surface

<P&A SUBSEQUENT SUNDRY>

| SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.) | | 7. Lease Name or Other Agreement Name |
|---|---|--|
| 1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐ | 2. Name of Operator
ALTURA ENERGY LTD | 8. Well No.
321 |
| 3. Address of Operator
P.O. BOX 4294 HOUSTON, TEXAS 77210-4294 | 9. Production or Well No.
HOBBS (GSA) | 10. Well Name or Other Agreement Name
N. HOBBS (GSA) UNIT |
| 4. Well Location
Township 34 North Range 18 East Section 36 | 5. Well Depth
2310' | 6. Well Status
Producing |
| 11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK ☐ | PLUG AND ABANDON ☐ | REMEDIAL WORK ☐ |
| TEMPORARILY ABANDON ☐ | CHANGE PLANS ☐ | COMMENCE DRILLING OPERATIONS ☐ |
| PULL OR ALTER CASING ☐ | CASING TEST AND CEMENT JOB ☐ | PLUG AND ABANDONMENT ☐ |
| OTHER ☐ | OTHER ☐ | |

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

13. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

- 13/27/97 RIG PULLING UNIT
- 13/28/97 L/R REEL CABLE
- 13/29/97 SET CIBP 4000' CIRC 9.5# MUD
- 13/29/97 CIBP 4000' 25 SXS. (PLUS #1 4000'-3848')
- 13/29/97 25 SXS. (PLUS #2 2700'-2543')
- 13/29/97 PERF 1800' SET CIBP 1700'
- 13/29/97 RIG RUN 6-5/8" 2-1/4" BULLS HEAD 1400 PSI
- 13/29/97 1700' SET 25 SXS UNDER CIBP
- 13/29/97 1700' 25 SXS. (PLUS #3 1700'-1548')
- 13/29/97 306' 25 SXS. (PLUS #4 306'-174')
- 13/29/97 174' TO SURFACE
- 13/29/97 INSTALL GRY HOLE NUMBER

14. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

15. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

16. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

17. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

18. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

19. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

20. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

21. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

22. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

23. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

24. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

25. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐

OTHER ☐ OTHER ☐

Production / Inter. Casing

6.625", 24.0# Csg. (Assumed 11.5" Hole) @ 4065'
250 sx El Toro - TOC @ 3020' by CBL

Openhole 4065' to 4210'

PBTD 4210' (Junk in hole)

TD @ 4220'

SOS Consulting, LLC

Drawn by: Ben Stone, 2/19/2013

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.331

API 30-025-07566

1980' FSL & 2310' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 2/10/1935

P&A Date: 12/21/1997

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Holes @ 304'
Sqz w/ 65 sxs
Circulate to Surface

Spot 25 sxs
1945'-1698'

Sqz Holes @ 1920'
Held 1000 psi

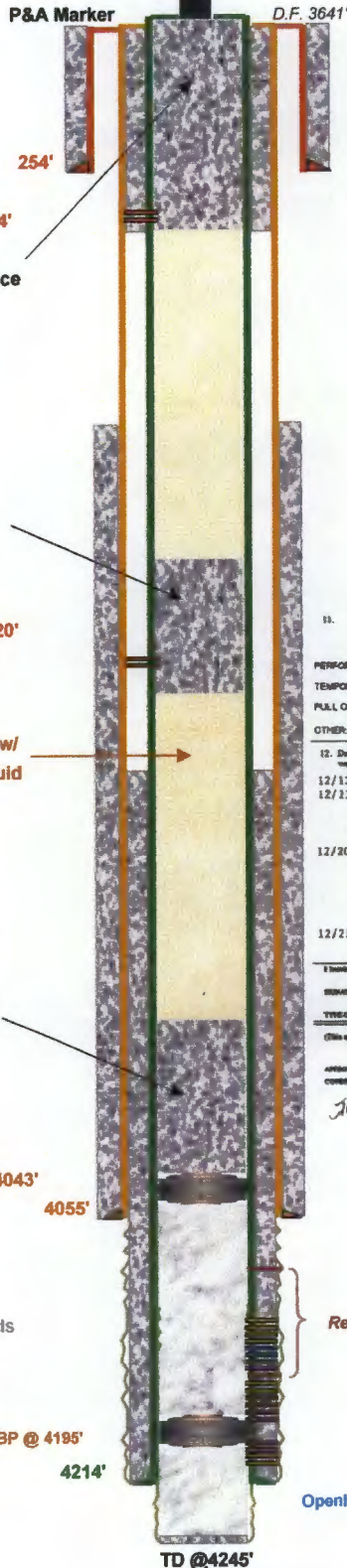
Circulated Hole w/
Mud Ladened Fluid

Spot 25 sxs
4000'-3753'

Set P&A CIBP @ 4043'

Formation Fluids

4th Recomp (8/88) - Plugged Lower Zone w/ CIBP @ 4195'



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50# Csg. (Hole 16.0") @ 254'
200 sxs - Circulated to Surface

Intermediate Casing (Original Production String)

7.0", 22# Csg. (8.75") @ 4055'
500 sxs El Toro - TOC @ 1031' Calculated

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|-------------------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| P&A OR ALTER CASING | ☐ | OTHER | ☐ |
| | | REMEDIAL WORK | ☐ |
| | | ALTERING CASING | ☐ |
| | | COMMENCE DRILLING OPS | ☒ |
| | | PLUG AND ABANDONMENT | ☐ |
| | | CASING TEST AND CEMENT JOB | ☐ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1109.
- 12/12/97 1. WIRE PULLING UNIT RD WELL W/ROP.
 - 12/13/97 2. KILL WELL FILL 129 JTS 2-3/8" TFG 1/D SUBMERGIBLE.
 3. RTH W/ML 5-1/2" CIBP SET AT 4043'.
 4. RTH W/THG 129 JTS 2-3/8".
 5. RD INSTALL FENCE BACK ON LOC.
 - 12/20/97 6. CIRC HOLE W/ MLF.
 7. SPOT 25 SXS CMT FROM 4000'-3753'.
 8. PERF @ 1920' PRESSURE UP TO 1000# NO BLEED OFF.
 9. NOTIFIED OGD (GARY) OK TO FINE 25 SXS FROM 1950'.
 10. SPOT 25 SXS CMT FROM 1945'-1698'.
 11. PERF @ 304' SQZ 65 SXS 5-1/2"X7" CSG TO SURF.
 - 12/21/97 12. RD UNIT INSTALL DRY HOLE MARKER.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: JOSE A. GUTIERREZ TITLE: P&A SUPERVISOR DATE: 12/13/97

WITNESS NAME: JOSE A. GUTIERREZ TELEPHONE NO.: 505-392-6498

(This space for Note Use)

APPROVED BY: [Signature] TITLE: _____ DATE: _____

JOE W NO D.H.M

Production Casing (Run 12/17/50)

5.0", 13# Csg. (6.25") @ 4214'
370 sxs - TOC @ 2200' by CBL

Remedial Work (5/55) - Sqz'd 5.0" thru Sqz Perfs @ 4100' and 4162' w/ 80 sxs

1st Recomp (12/50) - Added Perfs 4138'-44'

2nd Recomp (5/55) - Added Perfs 4176'-92' and 4198'-4202'

3rd Recomp (11/80) - Added Perfs 4118'-36', 60'-76' and 4202'-06'

Acidize - Return to Production

Openhole 4214'-4245' (Originally 4055'-4245')

SOS Consulting, LLC

Drawn by: Ben Stone, 5/19/2012

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.431

API 30-025-07568

1640' FSL & 1190' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 2/08/1938

TA'd Status: 11/15/1999

P&A Date: 3/07/2004

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Sqz Holes @ 407'
Sqz w/ 210 sxs
Circulate to Surface

Spot 25 sxs
2010'-1856'

Spot 25 sxs
2810'-2656'

Circulated Hole w/
Plugging Mud

Spot 25 sxs
4010'-3856'
On Existing CIBP

CIBP @ 4010'
(Set for 1999 TA Status)

Formation Fluids

P&A Marker

G.L. 3624'

200'

4063'

TD @4241'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50# Csg. (17.5" Hole) @ 200'

200 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

| | | | |
|-----------------------|------------------|----------------------------|------------------------|
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | REMEDIAL WORK | ALTERING CASING |
| TEMPORARILY ABANDON | CHANGE PLANS | COMMENCE DRILLING OPER. | PLUG AND ABANDONMENT X |
| PULL OR ALTER CASING | | CASING TEST AND CEMENT JOB | |
| OTHER: | | OTHER: | |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103

03/06/2004 Tagged existing CIBP @ 4010'. Circulate well w/ plugging mud. Spot 25 sxs of cement on top of CIBP 4010'-3856'
Spot 25 sxs of cement @ 2810'-2656'
Spot 25 sxs of cement @ 2010'-1856'
03/07/2004 Perf. @ 407' Circulate 210 sxs of cement around to surface

Cut off well head & anchors 4" BGL. Cap well w/ steel plate. Weld legs to plate and attach to wellhead 4" BGL.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE *Robert Gilbert* TITLE *WD Control Specialist* DATE *4-5-04*

TYPE OR PRINT NAME *Robert Gilbert* TELEPHONE NO. *397-8206*

(For space for State Use)

APPROVED BY *Harry W. Wink* O.C. FIELD REPRESENTATIVE / STAFF NARRATOR DATE *APR 07 2004*

CONDITIONS OF APPROVAL, IF ANY

Production Casing

7.0", 22# Csg. (9.625" Hole) @ 4063'

800 sxs - TOC @ 1008' Calculated

Openhole 4063'-4241'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/21/2012

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.421

API 30-025-07573

2485' FNL & 1184' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/17/1981

P&A Date: 10/27/1997

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

P&A Marker

G.R. 3630'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

8.625", 24.0# Csg. (12.25" Hole) @ 372'
250 sxs - Circulated to Surface

Sqz Perfs @ 422'
Spot w/ 70 sxs
372'-299' (Tagged)

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | SUBSEQUENT REPORT OF: | |
|---|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |

12. Describe Proposed or Completed Operations: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE NOTE 1102

- 1) 10/24/97 CIBP 4130', SPOT 25 SXS CHT. (PLUG #1 4130'-3873')
- 2) 10/24/97 2900' 25 SXS. (PLUG #2 2900'-2643')
- 3) 10/24/97 PERF 4 HOLES 1750', RTH CIBP 1650', SQZ 30 SXS UNDER RT.
- 4) 10/24/97 25 SXS. (PLUG #4 1650'-1293')
- 5) 10/27/97 PERF 4 HOLES 422' SPOT 70 SXS CHT ON 8-5/8" & 4-1/2" TO SURFACE.
- 6) 10/27/97 CUT OFF WELL HEAD & INSTALL DRY HOLE MARKER.

Spot 30 sxs
1650'-1393'

Sqz Perfs @ 1750'
Sqz w/ 30 sxs
thru CIBP @ 1650'

Spot 25 sxs
2900'-2693'

Intent Sundry Indicates
Hole Circulated w/
9.5# Mud Ladened Brine

Cap w/ 25 sxs
4130'-3873'

Set P&A CIBP @ 4130'

| | |
|---|-------------------------------|
| I hereby certify that the information given is true to the best of my knowledge and belief. | |
| SUPERVISOR
<i>Jose A. Gutierrez</i> | TITLE
P&A SUPERVISOR |
| DATE
10/27/97 | TELEPHONE NO.
505-382-6596 |
| I also certify that: | |
| DATE
11-9-01 | DATE
11-9-01 |

Production Casing

4.5", 11.6# Csg. (7.875" Hole) @ 4303'
500 sxs - TOC @ 2620' - Cement Top Log

1st Recomp (11/82) Additional Perfs 4207'-11',
4216'-20', 26'-30', 50'-57' - Acidize
Perfs 4236'-40' and 48'-50' (Original Comp)

2nd Recomp (9/88) Additional Perfs 4270'-95' - Acidize

4303'

DTD @ 4303'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/21/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.103

API 30-025-07574

SHL: 1980' FSL & 646' FWL, SEC. 34-T18S-R38E

BHL: 1378' FSL & 12' FWL, SEC. 34-T18S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 4/21/1930

SI Status: 7/31/1967

P&A Date: 11/28/1986

Note: Well was shut-in from 1967 to 1974

Well plugged by:
Amoco Production Co.

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot 33 sxs
PKR @ 211' 40'

Surface Casing

13.375", 50# csg. (Assumed 13.75" Hole) @ 40'
4.5 yds. Ready Mix - Filled to Surface

Spot 25 sxs
1772' - ~1690'

Intermediate Casing

8.625", 32# csg. (Assumed 9.625" Hole) @ 3126'
700 sxs - Calculated to Surface - Not reported

Hole Displaced
w/ 10# Brine

Spot 350 sxs w/
PKR @ 2919'
Circ. 72 sxs out 8.25"

P/U PKR to 3075'
Spot 15% Acid & Circ. 8.25" Csg.

Sqz Perfs 3236'
Held 1000 psi

Spot 100 sxs @ 4084'

Openhole 3997'-4094'

TD @4094'

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

| | | | |
|-------------------|-------------------|-------------------|-------------------|
| PLUG AND ABANDON | REPAIR AND REWORK | REPAIR AND REWORK | REPAIR AND REWORK |
| REPAIR AND REWORK | REPAIR AND REWORK | REPAIR AND REWORK | REPAIR AND REWORK |
| REPAIR AND REWORK | REPAIR AND REWORK | REPAIR AND REWORK | REPAIR AND REWORK |

1. Describe the proposed or completed operations (clearly state all pertinent details, and give pertinent dates, including estimated date of starting day proposed work) SEE PAGE 1036

11-18-86. Install BOP. R/W 6-1/8" bit, 2-3/8" workstring and tag at 4094'. Raise bit to 3989'. Displace hole w/150 bbls 10# brine. Rev. circ. 30 bbl 10# brine. R/W 2-3/8" tubing to 4094' and spot 100 sx Class C plug. Disp w/12 bw. Pull tubing to 3294'. P&A R/W w/casing gun and perf 3236-3237 & 3238. Load 7" casing w/19 bbls 10# brine. Pressure up 10000. Held ok. Run Baker 7" fullbore 2-3/8" workstring to 3601'. Tag. Spot 14 bbls 10# brine gel. Pull tubing to 3267 and spot 250 gals 15% HCL. Raise and set packer to 3075'. Pressure up to 20000 and establish inj. rate 1 BPM, pump 50 bbls. Broke circulation out 8-1/4" casing. Release packer and raise to 2919'. Spot 350 sx Class C neat and disp. w/17 bbls water. Circulate 72 sx cement out 8-1/4" casing. Release packer, pull tubing and packer. Run 2-3/8" tubing open ended. Tubing at 3106'. Disp. hole w/17 bbl 10# brine gel. Tubing land at 1772'. Spot 25 sx cement. Pull up to 211'. Disp. hole w/33 sx Class C neat. Remove BOP. Dug out cellar. Cut off 7" casing. Install P&A marker. RD-MDSU 12-8-86.

Steve Brownlee Admin. Analyst 12-9-86
OIL & GAS INSPECTOR JAN 26 1987

Production Casing

6.625", 24# csg. (Assumed 7.875" Hole) @ 3997'
50 sxs - TOC @ 3740' by Calc

SOS Consulting, LLC

Drawn by: Ben Stone, 5/05/2012

PLUGGED WELL SCHEMATIC

South Hobbs (GSA) Unit Well No.1

API 30-025-07575

660' FNL & 660' FWL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/12/1934

TA'd Status: 6/11/1998

P&A Date: 8/30/2002

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS: Spot Cement
275' to Surface

Sqz Perfs 201'
Could not Pump In

Sqz Perfs 275'
Could not Pump In

Spot 30 sxs
1700'-1550'

Mud Gel Spotted
individually
Between all Plugs

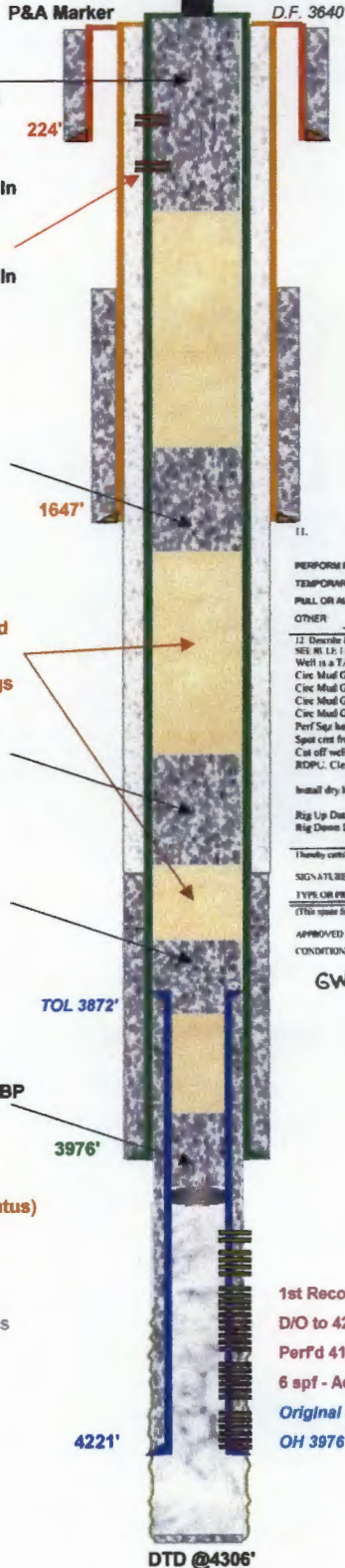
Spot 30 sxs
2650'-2494'

Spot Cement
3925'-3772'

Spot 35 sxs on CIBP
4030'-3997'

CIBP @ 4030'
(Set for 1998 TA Status)

Formation Fluids



Surface Casing

16.0", 70# csg. (Assumed 17.5" Hole) @ 224'
100 sxs - Calculated to Surface - Not reported

Intermediate Casing

10.75", 45.5# Csg. (Assumed 13.75" Hole) @ 1647'
350 sxs - TOC 846' Calculated

<P&A SUBSEQUENT SUNDRY>

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|----------------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | COMMENCE DRILLING OPS | ☐ |
| PULL OR ALTER CASING | ☐ | CASING TEST AND CEMENT JOB | ☐ |
| OTHER | ☐ | OTHER | ☐ |
| PLUG AND ABANDON | ☐ | ALTERING CASING | ☐ |
| CHANGE PLANS | ☐ | PLUG & ABANDONMENT | ☒ |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work).
SEE RE 12-1183
Well is a TA'd well. CIBP set @ 4030'. Spot 35 sxs on CIBP @ 3997'. Tag TOC @ 3972'.
Circ Mud Gel from 3997' to 3925'. Spot case from 3925' to 3772'. Top of 5" liner @ 3872'.
Circ Mud Gel from 3772' to 2650'. Spot case from 2650' to 2494'. Box of Ashly @ 2600'.
Circ Mud Gel from 2494' to 1700'. Spot case from 1700' to 1550'. Top of Ashly @ 1600'. Box of 10-3/4" csg @ 1647'.
Circ Mud Gel from 1550' to 275'. Tag case @ 1550'.
Perf Sgs holes @ 275'. Could not get my rate. Called NMOCD. Perf Sgs holes @ 201'. Could not get my rate. Called NMOCD.
Spot case from 275' to surface.
Cut off wellbore and install dry hole marker.
ROPL: Clean Location.

Install dry hole marker 4' below ground level due to its town location. SHL: 081, UL - D, 660' FNL, 660' FWL.
Rig Up Date: 08/28/2002
Rig Down Date: 08/30/2002

I hereby certify that the information shown is true and correct to the best of my knowledge and belief.
SIGNATURE: Robert D. Ditt
TITLE: SR. ENGR. TECH. DATE: 08/28/2002
TYPE OR PRINT NAME: Robert Ditt
TELEPHONE NO.: 985/947-8306
APPROVED BY: Johnny Robinson
TITLE: SUPERVISOR OFFICER DATE: DEC 10 2002
CONDITIONS OF APPROVAL: GWW

Production Casing (Original)

7.0", 24.0# Csg. (Assumed 7.875" Hole) @ 3976'
150 sxs - TOC @ 3061' Calc. Calc to Surf if 1450 sxs*
*Remedial Note: One schematic from Altura indicated LNR
7.0" CSG cemented w/ 1450 sxs - could not locate any
sundry to verify this but assume the work was done.

Production Liner (Run 3/04/48)

5.0", 18.0# Lnr. (Assumed 5.625" Hole) @ 4221'
50 sxs - TOC @ TOL 3872'

1st Recom (3/48)

D/O to 4221' - Set 5.0" Lnr

Perf'd 4130'-50, 52'-90' and 4200'-20

6 spf - Acidized w/ 2000 gal.

Original Completion

OH 3976'-4199'

2nd Recom (10/78)

D/O to 4246' - Perf'd 4080'-86, 90'-4104' and 14'-30'

Acidized ALL intervals in 4 stages w/ 10,500 gals.

SOS Consulting, LLC

Drawn by: Ben Stone, 5/22/2012

PLUGGED WELL SCHEMATIC

B.H. Turner Tract No.1 Well No.30-X

API 30-025-07577

1980' FNL & 560' FWL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 8/17/1949
P&A Date: 5/30/1953

Well plugged by:
Stanolind Oil & Gas Co.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

K.B. 3643'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Spot Cement Plug
160'-0'

300'

Displace Hole
w/ Heavy Drilling Mud

Spot 25 sxs
2801'-2438'

Spot Cement Plug
3192'-2982'

Formation fluids

3191'

DTD @ 3271'

Open Hole 3191'-3271'

Surface Casing

9.625", 32.3# Csg. (12.25" Hole) @ 300'
250 sxs - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

(Form C-100)
(Revised 7/1/53)

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS JUN 22 1953

Submit this report in TRIPlicate to the District Office, Oil Conservation Commission, within 30 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, results of well repair, and other important operations, even though the work was witnessed by an independent engineer or other person. Instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | |
|---|---|--------------------------|
| REPORT ON BEGINNING DRILLING OPERATIONS | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | REPORT ON REPAIRING WELL |
| REPORT ON RESULT OF PLUGGING WELL | REPORT ON RECOMPLETION OPERATION | REPORT ON (Other) |

June 16, 1953

Hobbs, New Mexico

Following is a report on the work done and the results obtained under the heading noted above at the

Stanolind Oil and Gas Company

B. H. Turner Tract 1

Lea County, New Mexico

Well No. 30-X in the SW 1/4 Sec. 34

T. 18-S, R. 38-E, N40°W, Brown

Pool, Lea County

The Dates of this work were as follows: May 29, 1953 and May 30, 1953

Notice of intention to do the work (unit) (XXXX) submitted on Form C-302 on May 1, 1953

and approval of the proposed plan (unit) (XXXX) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spotted 25 sack cement plug in 5 1/2" casing from 3192' to 2982' and from 160' to surface. Interval between plugs filled with heavy drilling mud. Location leveled and returned to original contour and 4" pipe marker erected extending 4' above ground level.

Witnessed by G. B. HARTY

Stanolind Oil and Gas Company

Head, Hobbs, New Mexico

Approved: OIL CONSERVATION COMMISSION

Ray J. Quinlan

Oil & Gas Inspector

JUL 9 1953

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name: Ralph J. Hunsaker

Position: Field Superintendent

Representing: Stanolind Oil and Gas Company

Address: Box 66, Hobbs, New Mexico

Production Casing

5.5", 15.5/14.0# J-55 Csg. (7.125" Hole) @ 3191'
800 sxs - Circulated to Surface

SOS Consulting, LLC

Drawn by: Ben Stone, 5/22/2012

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.441

API 30-025-07580

400' FSL & 1190' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 11/20/1941

P&A Date: 6/01/1984

Well plugged by:
Shell Western E&P, Inc.

<PLUGGING ITEMS LISTED LEFT>

P&A Marker

G.R. 3620'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Spot Cement Plug
1750'-0'

190'

Surface Casing

9.625", 32.3# Csg. (12.25" Hole) @ 190'
102 sxs - Circulated to Surface

Remedial Work 12/24/77

Spot 25 sx Plug @ 600'

Sqz thru Csg Hole w/ 275 sxs

Circ 20 sxs to Cellar D/O to Original

DTD @ 4228'; Run CBL 675' to Surf.

Good Bond - Return to Production

Sqz Holes @ 1750'

Spot 11 sxs
2746'-2646'

Displace Hole
w/ 10# Brine Water

Spot 23 sxs
3573'-3357'

Spot Additional 6 sxs
Tagged @ 3950' (Tagged)

Spot 45 sxs
TD-4150' (Tagged)

4150'

Open Hole 4150'-4228'

DTD @ 4228'

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: | | | |
|---|------------------|----------------------------|------------------|
| REPAIR OR REPLACE BY OWNER | PLUG AND ABANDON | REMEDIAL WORK | RE-TESTED CASING |
| REPAIR OR REPLACE BY CONTRACTOR | CHANGED PLUGS | EXHAUSTED DRILLING STRING | PLUG AND ABANDON |
| WELL TO BE USED FOR OTHER PURPOSES | | SEALED WELL FOR FUTURE USE | |
| OTHER | | OTHER | |

25. Describe in Brief the Operations Conducted on the well, including estimated date of starting any process work, and the results.

5-31-24: Filled hole w/10# brine water. Tagged TD @ 4233'. Spotted first plug w/45 sx Class "C" cmt. WOC 2 hrs. Tagged TOC @ 4150' (bottom of 5-1/2" csg). Spotted an additional 6 sx Class "C" cmt w/ bottom of tubing @ 4133'. TOC @ 3950'. Spotted second plug w/23 sx Class "C" cmt w/ bottom of tubing @ 3573'. TOC @ 3357'. Spotted third plug w/11 sx Class "C" cmt w/ bottom of tubing @ 2746'. TOC @ 2646'. Circulated hole clean.

6-01-24: Perforated @ Top of Salt (1750') w/ a 4-way jet gun. Spotted plug from 1765' to surface. Cut casing off 4' below surface and welded on a dry hole marker. Cleaned and leveled location. Well is now plugged and abandoned.

| | |
|--|------------------------------|
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | |
| Signature: <i>[Signature]</i> | SUPERVISOR REG. & PERMITTING |
| Signature: <i>[Signature]</i> | OIL & GAS INSPECTOR |
| DATE: OCTOBER 25, 1984 | DATE: MAY 16, 1984 |

Production Casing

5.5", 15.5/14.0# J-55 Csg. (7.125" Hole) @ 4150'
350 sxs El Toro - Circulated to Surface

SOS Consulting, LLC

Drawn by: Ben Stone, 5/22/2012

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.311

API 30-025-12509

1022' FNL & 2310' FEL, SEC. 34-T18S-R38E
LEA COUNTY, NEW MEXICO

Spud Date: 7/18/1935

TA'd Status: 1989

P&A Date: 6/29/2011

Well plugged by:
Occidental Permian, LTD

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Spot Cement &
Fill 400'-0'

Sqz Perfs @ 400'
Circulate w/
120 sxs

Tag Plug @ 1580'

Sqz Perfs @1820'
Sqz w/ 100 sxs
thru PKR @ 1505'
(Flush w/ 10# Mud)

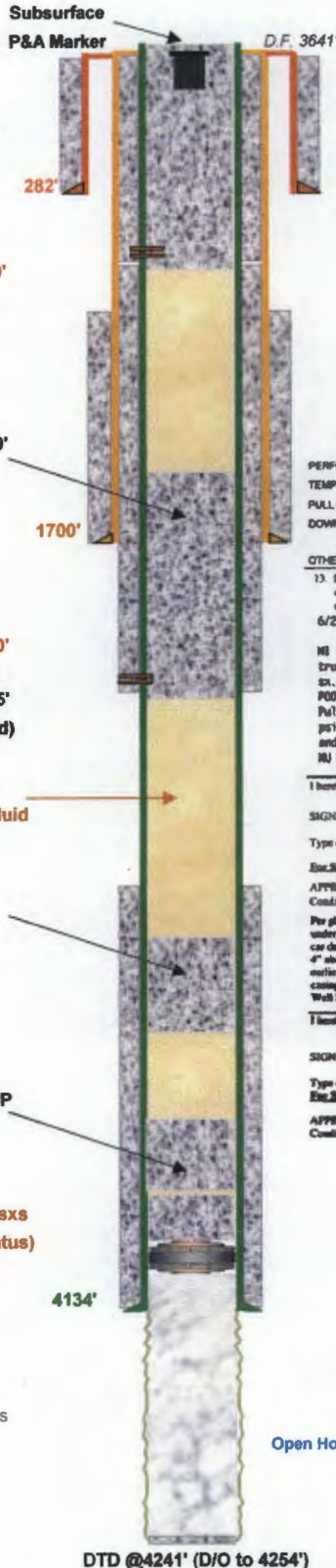
Circulate Hole
w/ Mud Ladened Fluid

Spot 30 sxs
2918'~2783'

Tag Existing CIBP
@ 4060' & Spot
30 sxs

CIBP @ 4083' w/ 2sxs
(Set for 1989 TA Status)

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

12.5", 50# csg. (Assumed 13.75" Hole) @ 282'
50 sx - Calculated to Surface - Not reported

Intermediate Casing

9.625", 36.0# Csg. (Assumed 13.75" Hole) @ 1700'
625 sxs El Toro - TOC 512' Calculated

<P&A SUBSEQUENT SUNDRY>

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|-------------------------|--------------------------|------------------------|--------------------------|
| PERFORM REMEDIAL WORK | ☐ | REMEDIAL WORK | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | COMMENCE DRILLING OPS. | ☐ |
| DOWN-HOLE COMBING | ☐ | CASING/CEMENT JOBS | ☐ |
| OTHER | ☐ | OTHER | ☐ |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1302. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

6/27/11 - 6/29/11:

MI x RU plugging unit. NO MI x RU BOP. RIN with perf sub on 128 jts. production tubing. RU pump truck x circulate well with 75 bbls 30 ppg mud-laden fluid. Tag existing CIBP at 4060'. Spot 30 sx. cement on tag x flush with 22 bbls 10 ppg mud. Pull uphole x spot 30 sx. cement at 2918'. PUGH with tubing x RIN with 7" AD-1 packer x set at 1505'. RIN with wireline x tag at 2885'. Pull uphole x perforate at 1820'. Establish injection rate into perfs - 2 bbls per minute @ 1400 psi with full returns. Mix and pump 100 sx. C.I. C x flush with 13 bbls 10 ppg mud. Release packer and reset at 30'. RIN with wireline x tag plug at 1580'. Pull uphole x perforate at 400'. NO BOP x RU MI. Circulate 120 sx. cement from 408' to surface. NO plugging unit x clean location.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mark Stephens TITLE: Regulatory Compliance Analyst DATE: 7/12/11
Type or print name: Mark Stephens E-mail address: Mark_Stephens@ocp.com PHONE: (713) 266-5159

For State Use Only: Malay Brown TITLE: Compliance Officer DATE: 7/25/2011
Conditions of Approval (if any):

Per phone conversation with Mr. E. L. Gonzalez on Thursday 6/30/2011, this report is being sent to confirm plans to place an underground P and A marker at this well site. Due to the location being within the city limits of Hobbs, NM and the close proximity to a car dealership it was decided that the underground marker would be a better alternative to permanently mark this well have approved to the 4" above ground marker. Mr. Gonzalez gave verbal permission for the underground marker and requested that C-103 forms be sent to the surface commission. All required information per 19.13.16.2 NMAC will be sent within one month and plans will be updated to the casing of the well at a depth of approximately 12' by 09/16/2011. The GPS readings for this well were N 73.70626° W 103.13513° Well location is on the southwest corner of the intersection of North Delmont and East Schaeffer in Hobbs, NM.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Steven M. Bishop TITLE: NES President DATE: 9/12/2011
Type or print name: Steven M. Bishop E-mail address: Steven_Bishop@ocp.com PHONE: (713) 387-8421

For State Use Only: Steve Bishop TITLE: State Rep DATE: 9-12-2011
Conditions of Approval (if any):

Production Casing (Original)

7.0", 23.0# Csg. (Assumed 8.75" Hole) @ 4134'
250 sxs - TOC @ 2609' Calculated

Remedial Work 11/08/82
D/O to 4254' - Acidize

Open Hole 4134'-4254'

DTD @ 4241' (D/O to 4254')

SOS Consulting, LLC

Drawn by: Ben Stone, 5/23/2012

PLUGGED WELL SCHEMATIC

North Hobbs (GSA) Unit Well No.321

API 30-025-12510

2310' FNL & 2310' FEL, SEC. 34-T18S-R38E

LEA COUNTY, NEW MEXICO

Well plugged by:
Altura Energy, LTD

Spud Date: 3/15/1935

P&A Date: 10/30/1997

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

PLUGS:

Spot Cement &
Fill 174'-0'

Spot 25 sxs
326'-174'

Tag Plug @ 1580'

Sqz Perfs @1800'
Sqz w/ 35 sxs
thru CICR @ 1700'

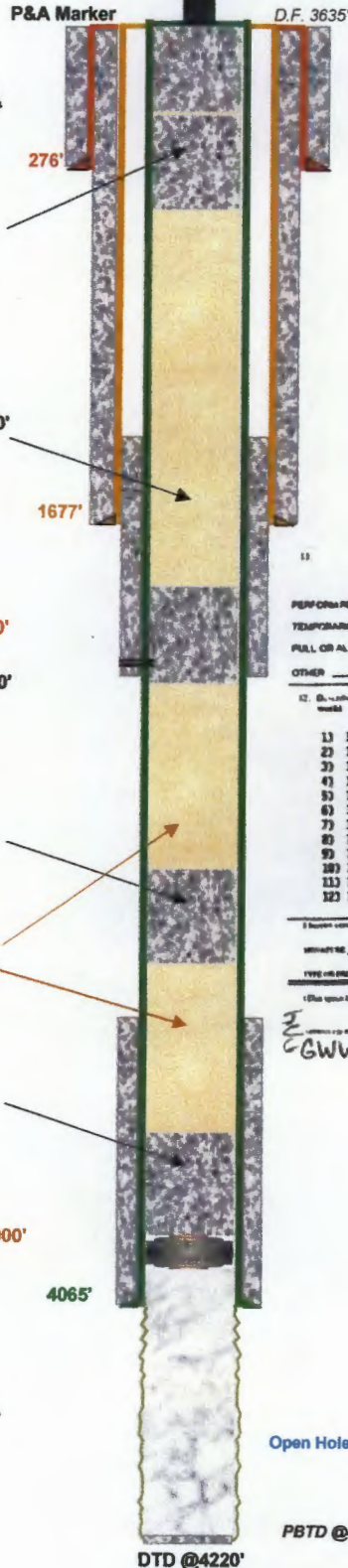
Spot 25 sxs
2700'-2543'

Circulate Hole
w/ 9.5# Mud

Spot 25 sxs
4000'-3848'

Set P&A CIBP @ 4000'

Formation Fluids



Surface Casing

12.5", 50# csg. (Assumed 13.75" Hole) @ 276'
150 sx El Toro - Circulated to Surface

Intermediate Casing

8.625", 36.0# Csg. (Assumed 13.75" Hole) @ 1677'
250 sxs El Toro - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

| Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data | | | |
|---|--------------------------|----------------------------|--------------------------|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ |
| PULL OR ALTER CASING | ☐ | OTHER | ☐ |
| OTHER | ☐ | REMEDIAL WORK | ☐ |
| | | COMMENCE DRILLING OPS | ☐ |
| | | CASING TEST AND CEMENT JOB | ☐ |
| | | ALTERING CASING | ☐ |
| | | PLUG AND ABANDONMENT | ☐ |

12. Describe Proposed or Completed Operations. Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. SEE RULE 1100

- 1) 10/27/97 HORN PULLING UNIT
- 2) 10/28/97 L/O REDA CABLE
- 3) 10/28/97 SET CIBP 4000' CIRC 9.5# MUD
- 4) 10/29/97 CIBP 4000' 25 SXS. (PLUG #1 4000'-3848')
- 5) 10/29/97 25 SXS. (PLUG #2 2700'-2543')
- 6) 10/29/97 PERF 1800' SET CIBP 1700'
- 7) 10/29/97 RICH MUD 6-5/8" 2-1/4" BULLS HEAD 1400 PSI
- 8) 10/30/97 1700' 302 25 SXS UNDER CIBP
- 9) 10/30/97 1700' 25 SXS. (PLUG #3 1700'-1548')
- 10) 10/30/97 325' 25 SXS. (PLUG #4 306'-174')
- 11) 10/30/97 124' TO SURFACE
- 12) 10/30/97 INSTALL DRY HOLE WORKER.

I have read the information above and agree to the facts of my knowledge and belief.

WITNESS ME: Jose A. Gutierrez TITLE: P&A SUPERVISOR DATE: 10/30/97

TYPE AND PRINT NAME: JOSE A. GUTIERREZ TELEPHONE NO: 505-392-6866

(This space for other notes)

FOR: El Toro DATE: 11-9-97

GW

Production Casing (Original)

6.625", 24.0# Csg. (Assumed 8.75" Hole) @ 4065'
250 sxs El Toro - TOC @ 3020' by CBL

Open Hole 4065'-4206'

PBTD @ 4206'

DTD @ 4220'

SOS Consulting, LLC

Drawn by: Ben Stone, 5/23/2012

PLUGGED WELL SCHEMATIC **North Hobbs (GSA) Well No.342**

API 30-025-28199

SHL: 305' FSL & 1650' FEL, SEC. 34-T18S-R38E

BHL: 450' FSL & 1540' FWL, SEC. 34-T18S-R38E

LEA COUNTY, NEW MEXICO

Spud Date: 12/27/1983

P&A Date: 10/22/1997

Well plugged by:
Altura Energy, LTD

<PLUGGING ITEMS LISTED LEFT>

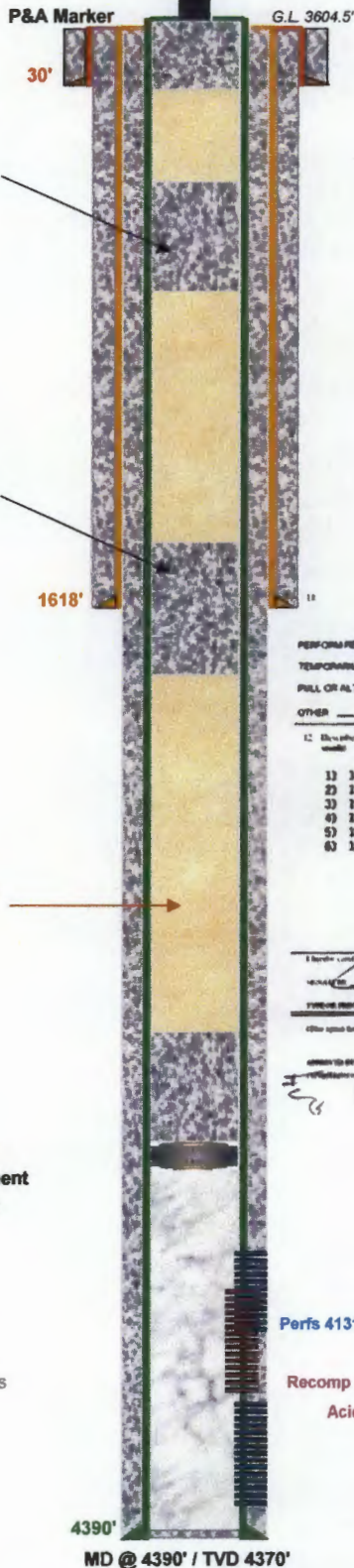
PLUGS:
 30'-0'
 Spot 25 sxs
 350'-109'
 Spot 25 sxs

1700'-1459'
 Spot 25 sxs

Circulate Hole
 w/ 9.5# Mud

CIBP @ 4050'
 Cap w/ 25 sxs cement
 (Top @ ~3809')

Formation Fluids



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing
 16.0" csg. (20.0" Hole) @ 30'
 Redi-Mix - Cement to Surface

Intermediate Casing
 8.625", 24# H-40 csg. (12.25" Hole) @ 1618'
 750 sxs Class 'C' - Neat / Lite
 (Last 200 sxs down annulus - Circulated 5 sxs)

<P&A SUBSEQUENT SUNDRY>

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:

| | | | | | | | |
|-----------------------|--------------------------|------------------|--------------------------|----------------------------|--------------------------|----------------------|-------------------------------------|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ | REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ | COMMENCE DRILLING OPS. | ☐ | PLUG AND ABANDONMENT | ☒ |
| PULL OR ALTER CASING | ☐ | | | CASING TEST AND CEMENT JOB | ☐ | | |
| OTHER | ☐ | | | OTHER | ☐ | | |

12. Describe Proposed or Completed Work (Type down). (If only state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1105

- 1) 10/21/97 SET CIBP @ 4050', SPOT 25 SXS ON TOP. (PLUS #1 4050'-3809')
- 2) 10/22/97 CIRC HOLE W/ 9.5# MUD.
- 3) 10/22/97 SPOT 25 SXS @ 1700'. (PLUS #2 1700'-1459')
- 4) 10/22/97 SPOT 25 SXS @ 350'. (PLUS #3 350'-109')
- 5) 10/22/97 SPOT 25 SXS @ 36". (PLUS #4 36"-SURF)
- 6) 10/22/97 INSTALL DRY HOLE MARKER.

I hereby certify that the information herein is true and correct to the best of my knowledge and belief.
 SIGNATURE: Jose A. Gutierrez TITLE: P&A SUPERVISOR DATE: 10/24/97
 PRINTED NAME: JOSE A. GUTIERREZ TELEPHONE NO.:

Other signed for State Use:
 APPROVED BY: Ed Lopez TITLE: Ed Lopez DATE: 11-9-00
 SIGNATURE: Ed Lopez

Production Casing
 5.5" 14.0#, J-55 csg. (7.875" Hole) @ 4390'
 825 sxs Class 'C' + Lite
 (2 Stage - DV @ 3001')

Perfs 4131'-4225' and 4264'-4373'

Recomp (1/03/86) - Add Perfs 4189'-4253'
 Acidize - Return to Production

SOS Consulting, LLC

Drawn by: Ben Stone, 5/23/2012

BIO

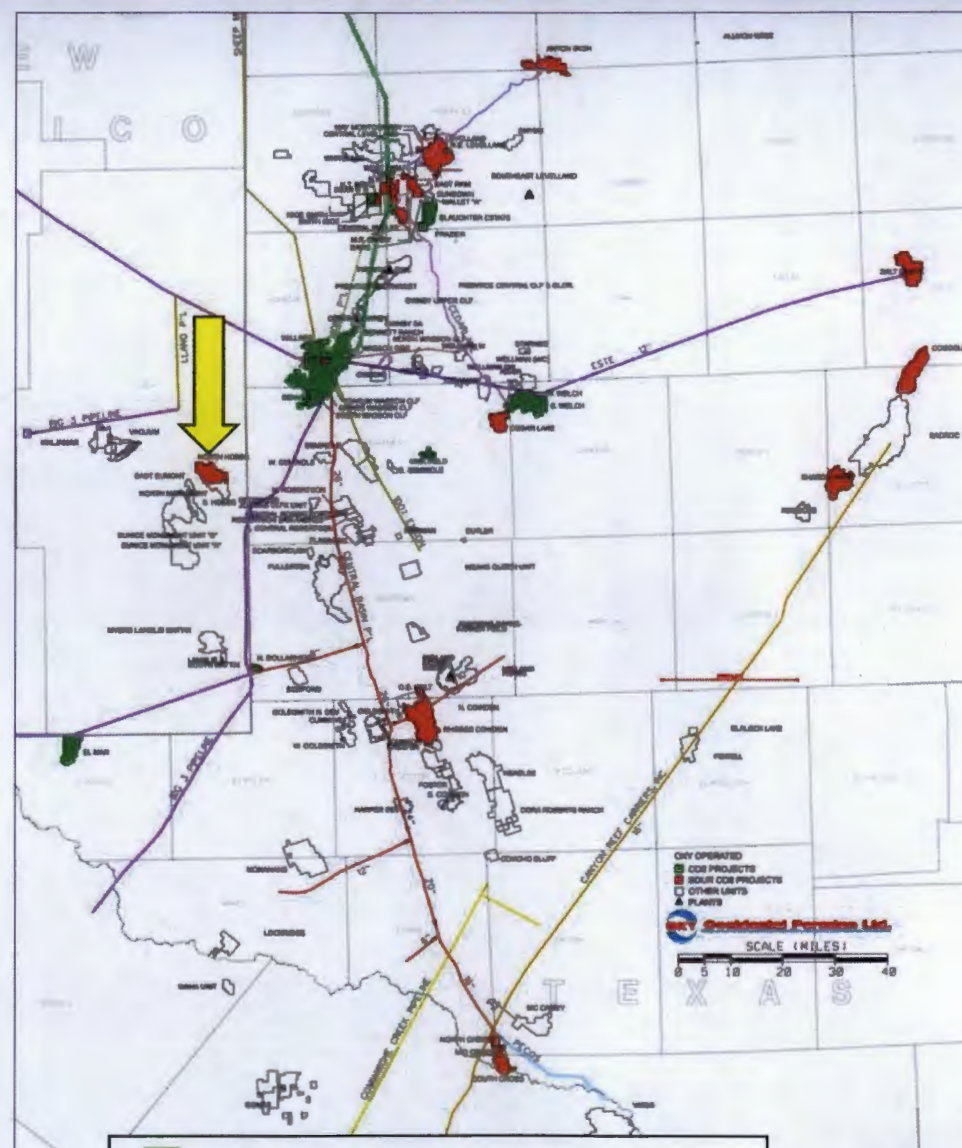
- **Graduated Georgia Institute of Technology in 1977 with BS in Civil Engineering**
- **Worked for 3 years for Halliburton as a field engineer**
- **Worked for 32 years for OXY or predecessor company as production engineer, drilling engineer, health and safety manager, regulatory affairs expert, health and safety audit manager, completion manager dealing with issues/projects in the following areas:**
 - US - Alabama, Mississippi, Louisiana, Texas, Oklahoma, New Mexico, Alaska, Wyoming, North Dakota, Kansas, California.
 - International – Libya, South America, Middle East
- **Professional Affiliations:**
 - Former Chairman, Regulatory Practices Committee, New Mexico Oil & Gas Association
 - Former Member, Regulatory Practices Committee, Texas Mid-Continent Oil & Gas Association
- **Member, Society of Petroleum Engineers**
- **Registered Professional Engineer in Texas (1997)**
- **Applicant for Certification as a Professional Health and Safety Auditor**
- **As part of my experience, I have worked on the regulatory issues associated with numerous CO2 injection projects in Texas and New Mexico, including the North Hobbs Unit.**
- **Current Position – Director, Regulatory Affairs**

Worldwide Oil and Gas Producing Areas



OXY's CO₂ Floods in the Permian Basin

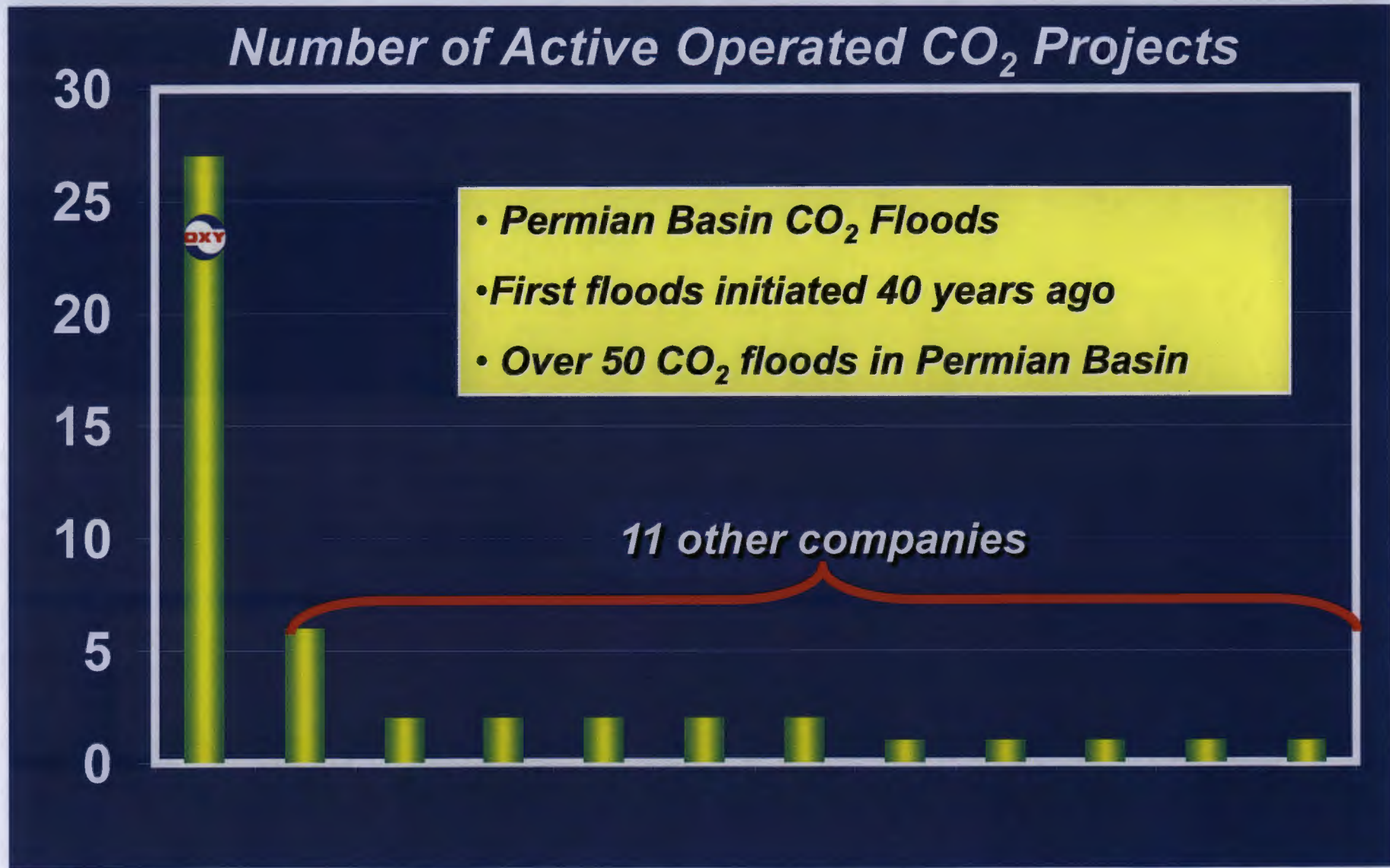
- **Largest Oil Producer in Permian Basin (60% comes from CO₂-related EOR projects)**
- **We operate 28 Active CO₂ Floods (the most in Permian Basin):**
 - CO₂ Injection of 550 BCF annually
 - 15 Floods with Produced Gas Reinjection, requiring more than 2500 injection wells, 65% injecting >100 ppm
 - No produced gas injection inside city limits
- **Major CO₂ Source Field (Bravo Dome)**
- **Over 9000 employees and contractors**
- **Drilled over 550 wells on operated properties in 2012**



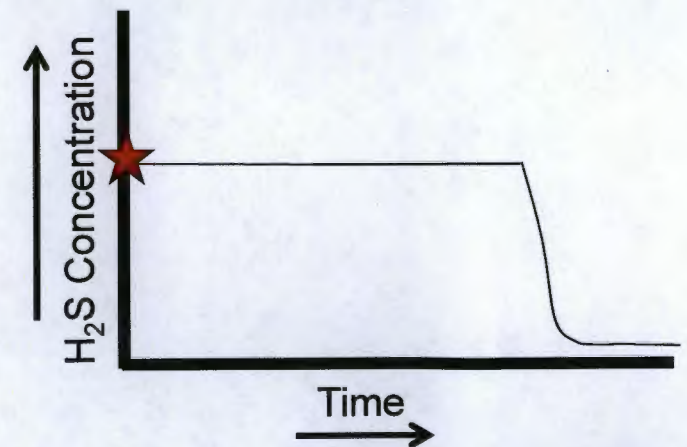
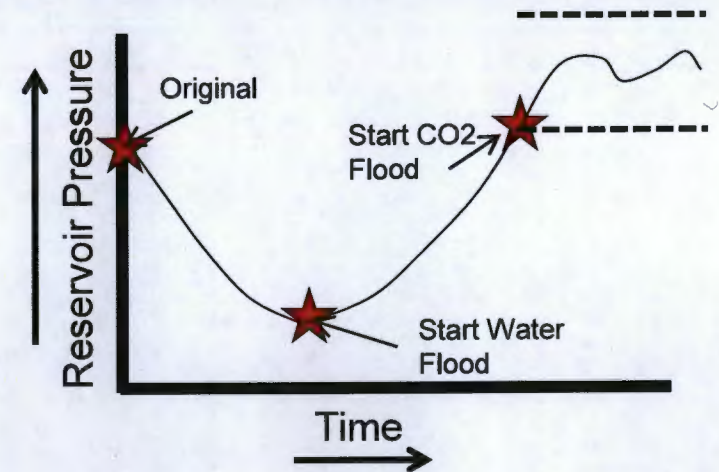
■ CO₂ Projects
■ CO₂ Project with Produced Gas Reinjection



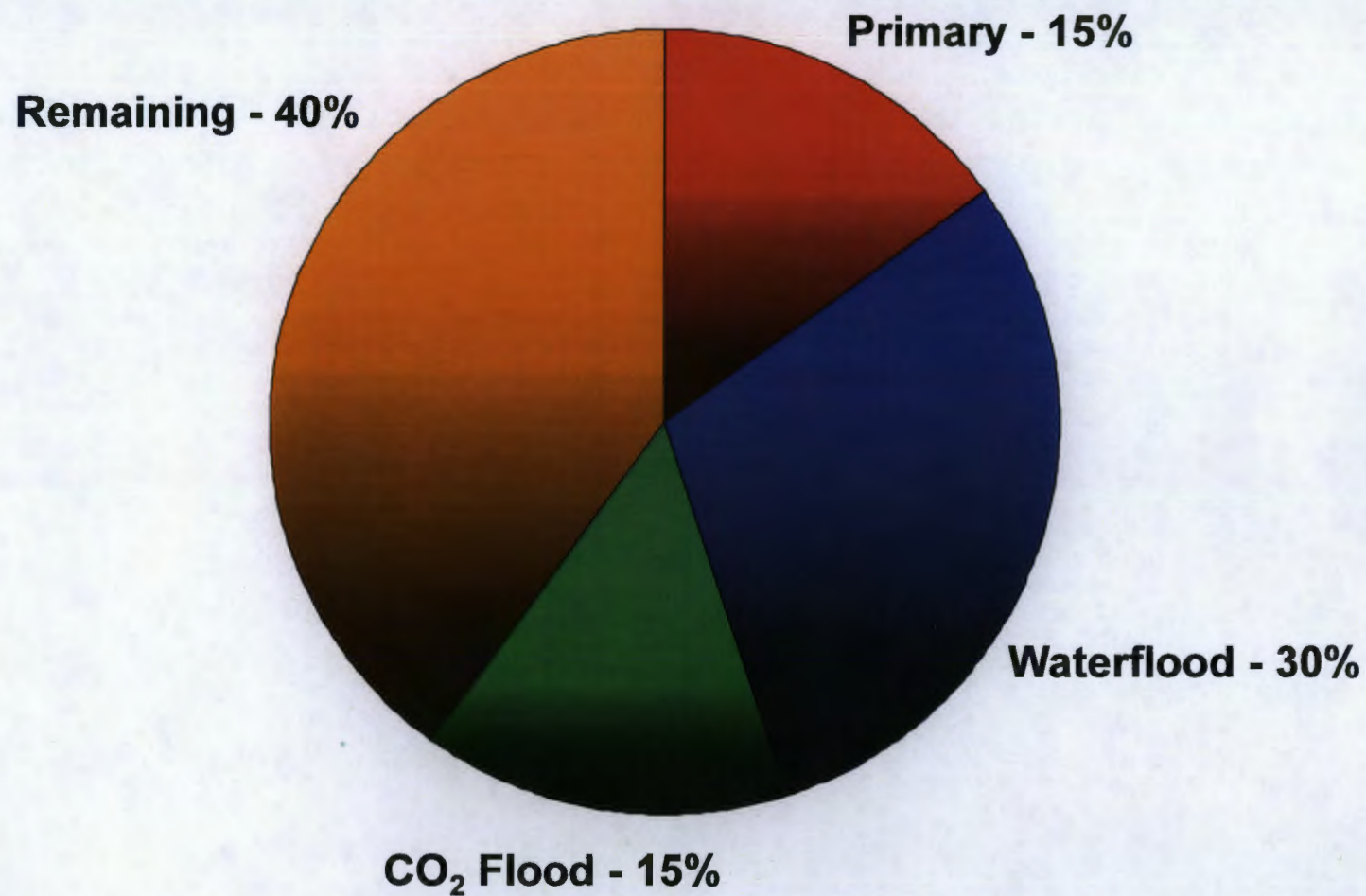
Permian Basin CO₂ Floods

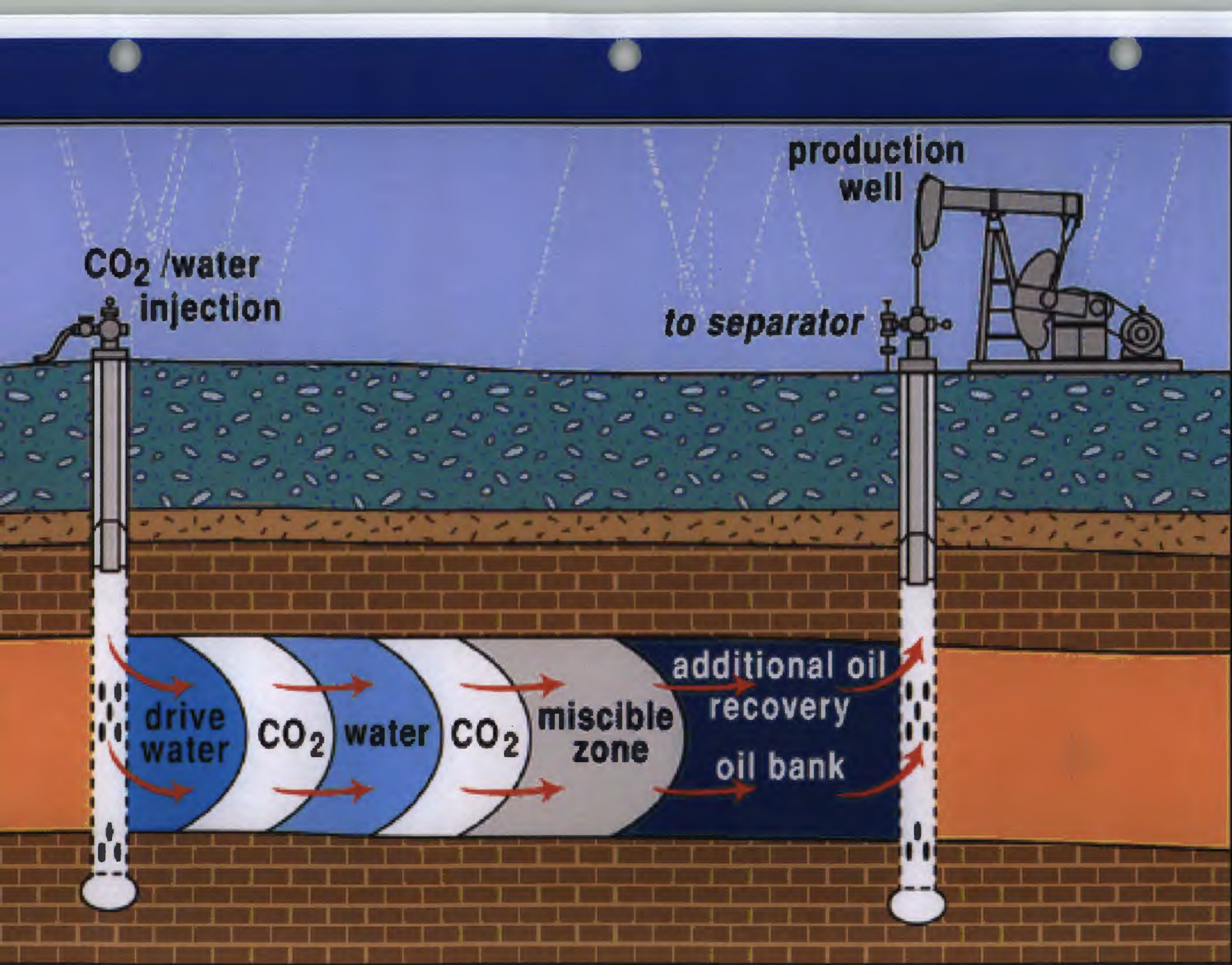


Life cycle of an oil reservoir

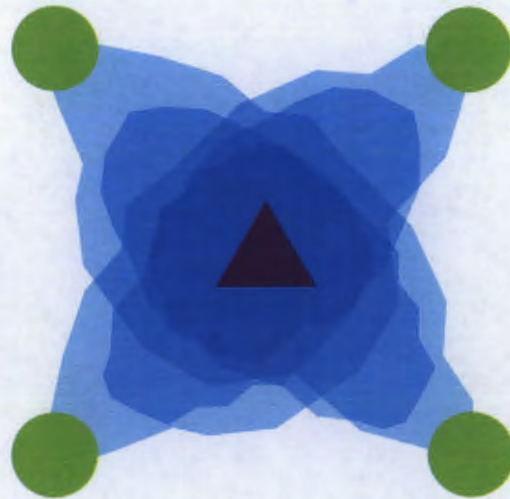


Typical Recovery Efficiencies





Pattern Flooding



Producer



Injector

Acid Gas Disposal versus EOR Injection

| | Acid Gas Disposal | EOR Injection |
|------------------------------------|--|---------------------------------------|
| H ₂ S Concentrations | HIGH | LOW |
| Source of H ₂ S | Non-Native | Native |
| Impact on Parties in Affected Area | Usually don't get a share of the production | Participate in the production |
| Target Reservoir | Depth >4400', non-productive, laterally extensive, undeveloped | Productive, contained, well developed |
| Affected Area of Reservoir | Based on injection volume & reservoir characteristics | Based on pattern size |
| Number of wells in operation | Very few | Thousands |
| Pressure Considerations | Can increase based on volume disposed | Maintained within a specified range |

Relief Requested

- **Expand injection authority to include injection of CO2 and the reinjection of produced CO2, water and gases including methane, natural gas liquids and hydrogen sulfide;**
- **Modify surface pressure limits**
- **Increase the GOR limit**
- **Grant an exception to the requirement that injection commence in one year**
- **Provide a streamlined permitted process to update the Area-of-Review for any well commencing injection more than 5 years from now**
- **Allow for a 5-year MIT frequency for any TA'd well equipped with real-time pressure monitoring**
- **Change the packer setting depth requirement**
- **Remove the requirement that a CBL be run before putting a well on injection or anytime rods or tubing are pulled**
- **Allow for administrative approval of additional injection wells in the project area per Rule 8**
- **Qualify the project for the recovered oil tax rate**