

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-39654
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. BO-1969
7. Lease Name or Unit Agreement Name Roo 22 State
8. Well Number #8
9. OGRID Number 16696
10. Pool name or Wildcat ARTESIA ; GLORIETA-YESO (O) - 96830

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 PO BOX 4294; HOUSTON, TX 77210	
4. Well Location Unit Letter <u>C</u> : 408' feet from the <u>N</u> line and <u>1510'</u> feet from the <u>W</u> line Section <u>22</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3545'</u>	

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 COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

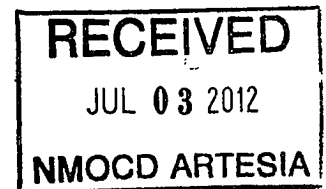
SUBSEQUENT REPORT OF:

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

OTHER: COMPLETION ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE SEE ATTACHMENT



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 Jennifer Duarte TITLE REGULATORY ANALYST DATE 07/02/2012

Type or print name JENNIFER DUARTE E-mail address: jennifer_duarte@oxy.com PHONE: 713-513-6640

For State Use Only

APPROVED BY: R. Dade TITLE Asst. Reg. Sec. DATE 8/29/12
Conditions of Approval (if any):

Roo 22 State #8

06/25/2012 – PRESSURE TEST PRODUCTION CASING TO 6200 psi – TEST GOOD.

Frac Details: 6/2/2012

Stage #1:

Perforation Gun: 4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0.48" EHD and 51.7" penetration @ 5 SPF on 72 degree phasing).

Perforations: 4,598'-4,610'

Re-perforations: NA

Cross Linked Gel: 120,227 gals

Linear Gel: 10,535 gals

15% HCl Acid: 2000 gals

100 Mesh: 4,135 lbs

16/30 Resin Coated SD: 177,495 lbs

Stage #2:

Perforation Gun: 4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0.48" EHD and 51.7" penetration @ 5 SPF on 72 degree phasing).

Perforations: 4,318'-4,330'

Re-perforations: NA

Cross Linked Gel: 121,461 gals

Linear Gel: 9,916 gals

15% HCl Acid: 2000 gals

100 Mesh: 4,135 lbs

16/30 Resin Coated SD: 185,134 lbs

Stage #3:

Perforation Gun: 4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0.48" EHD and 51.7" penetration @ 5 SPF on 72 degree phasing).

Perforations: 4,065'-4,077'

Re-perforations: 4,050' – 4,062'

Cross Linked Gel: 125,544 gals

Linear Gel: 11,402 gals

15% HCl Acid: 2000 gals

100 Mesh: 4,135 lbs

16/30 Resin Coated SD: 187,528 lbs

Stage #4:

Perforation Gun: 4" PowerJet Omega SLB gun w/ 38.8 gm charges, 0.48" EHD and 51.7" penetration @ 5 SPF on 72 degree phasing).

Perforations: 3,628'-3,640'

Re-perforations: NA

Cross Linked Gel: 114,594 gals

Linear Gel: 10,156 gals

15% HCl Acid: 1,000 gals

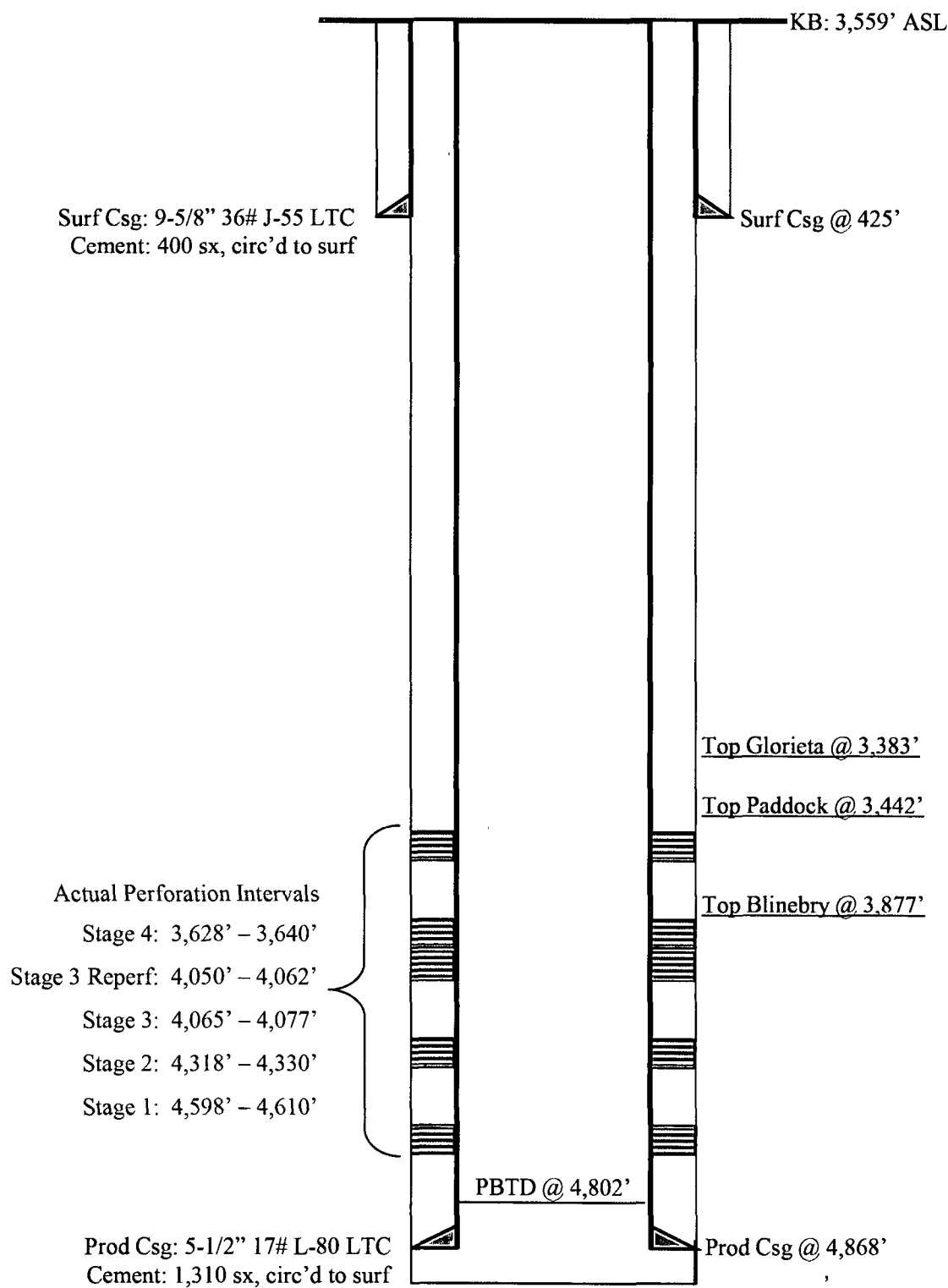
100 Mesh: 4,135 lbs

16/30 Resin Coated SD: 23,357 lbs

12/20 Resin Coated SD: 154,620 lbs

Occidental Oil & Gas Corp – Permian Primary – North NM/Terrell RMT

Well: Roo 22 State #8		API: 30-015-39654	
State: New Mexico	County: Eddy	T18S R28E, Sec 22	408' FNL & 1510' FWL
Field: Empire	TD: 4,868'	PBTD: 4,822'	KB: 3,559' ASL
Casing Size:	Grade/Weight:	Depth:	Cement:
9-5/8"	J-55 LTC / 36#	425'	400 sx, circ'd to surf
5-1/2"	L-80 LTC / 17#	4,868'	1,310 sx, circ'd to surf



Occidental Permian Ltd.
5 Greenway Plaza Suite 110
Houston Tx 77046

Date: May 24, 2012

Attention: Carlos Mercado
Jennifer Duarte

Re: Occidental Permian Ltd
Roo 22 State #8
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Savanna 415 using Weatherford's AMS tool. Other information required by your office is as follows:

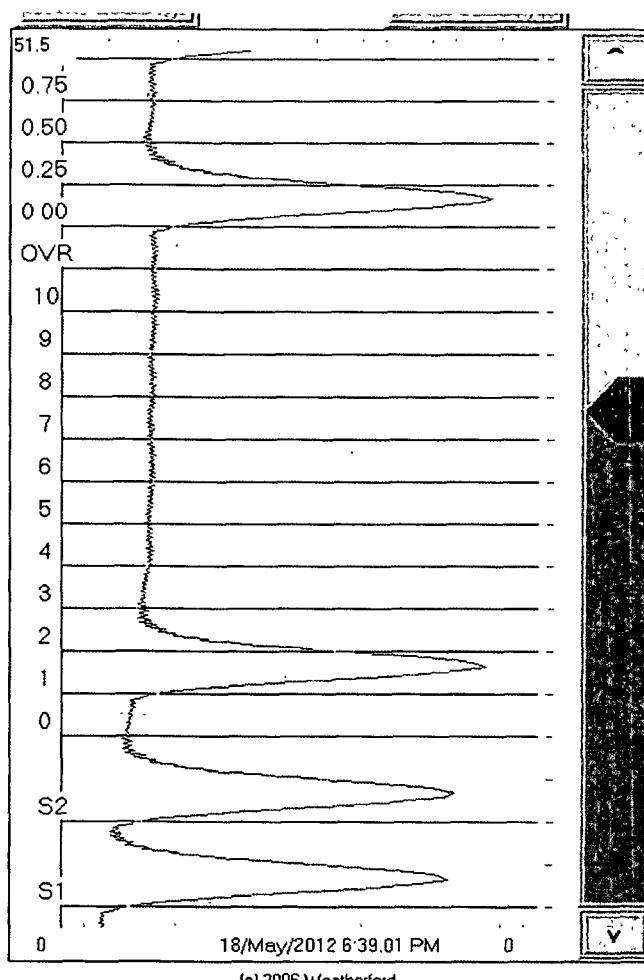
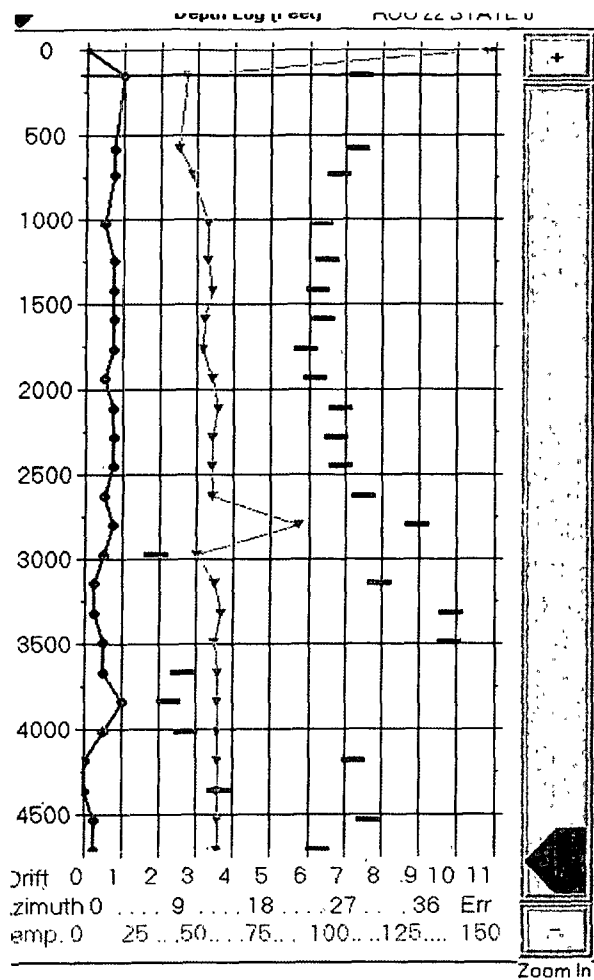
Name & Title Of Surveyor	Surveyed Depths	Dates Performed	Type of Survey
Savanna 415	591' MD to 4711' MD	05/19/2012 05/24/2012	AMS Inc/Azim

On this, the 25 day of May, 2012, before me a notary public, the undersigned officer, personally appeared London Wells, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Kaye L. Harrison
Notary Public





Temperature
 38

Azimuth (TRUE)
 266.7

Drift
 1

Depth (Feet)
 156

IDLE

0

OPTION

Logging Program System Parameters

24/May/2012

Well Name ROO 22 STATE 8

Legal SubDivision ROO 22 STATE 8

AFE #

Creation Date 18/May/2012

Service Order #

CSS # ASK 3295

DMT # AMS-024

Battery # 402938210DL1

Pulser # 4C-230

Transducer # 5K

Pump On Pressure 150

Baseline Pressure 0

Pulse Range 5000

Pressure Transducer Full Scale Pressure 5000

Apply ambient pressure to transducer and press Calibrate

13491

Calibrate

Filter Size 600

Declination 7.7

Azimuth Pulse Period 1000 mSec

Survey Duration 131 Sec

Time Till Autostart 30 Sec

Pump Off Time 95 Sec

Error Msg Timeout 300 Sec

Client Name OXY

Acquisition Options

☒ A/D Enabled

☐ Wrap Data Continuously

☐ Automatic Filtering

Depth Scale

☐ Meters

☒ Feet

Pressure Scale

☒ PSI

☐ kPascals

☐ BAR

Tool Type

☐ DMT 3500

☒ AMS 2000

RESTART

CLR LOG

DOWNLOAD

CANCEL

OPTION

Time of Day (HR:MIN) 16:57

E:\DMTData\ROO 22 STATE 8\ROO 22 STATE 8.txt

Depthlog Information

Data File Version: 14

Logfile created with DMT Surface Plotter Rev W2.01g

Legal Subdivision: ROO 22 STATE 8

Well Name: ROO 22 STATE 8

AFE Number:

Creation Date: 18/05/12 00:00:18

Number of Surveys: 26

Service Order Number:

CSS Number: ASK 3295

DMT Number: AMS-024

Battery Number: 402938210DL10

Pulser Number: 4C-230

Client Name: OXY

Deepest Entry: 4711

Depth is measured in : FEET

Pulse Range: 5000 PSI

Baseline Pressure: 0 PSI

Full Scale Pressure: 5000 PSI

Client used: PSI

File Size (KBytes): 512

Survey Comment: "T. ARELLANO"

Transducer Calibration Value: 13491 A/D Counts

Transducer Number: 5K

Pump Timeout Delay: 95

System Timeout Delay: 30

Tool Type: AMS 2000

Declination: 7.7

Azimuth Pulse Period: 1000

Azimuth Pulse Width: 500

Histogram Filter Size: 600

Hardware AtoD Rate: 1000 Samples/Sec

Software AtoD Usage Rate: 1000 Samples/Sec

Azimuth Error Codes

Azimuth > 360 is invalid angle or error code.

Error 420 -- MAG FP Number Overrange

Error 421 -- Missing Drift Start Bits

Error 422 -- Missing Drift Angle Bits

Error 423 -- Missing Drift Fraction Bits

Error 424 -- Multiple Drift Angle Bits

Error 425 -- Stuff Bit Error

Error 430 -- Missing Azimuth Stop bit.

Error 431 -- Missing Azimuth Start Bit.

Error 435 -- Parity Error.

Error 440 -- QFLEX Drift Angle too high.

Error 450 -- QFLEX EEROM Parity Error.

Error 460 -- Azimuth Angle too high.

Error 461 -- Temperature Value too high.

34

Date	Time	Depth	Drift	Azimuth[T]	Temperature	Record#
18/05/12	18:39:01	156	1.00	266.7	38	2
19/05/12	02:12:10	591	0.75	263.7	35	9
19/05/12	04:51:46	744	0.75	246.7	40	13
19/05/12	09:37:48	1037	0.50	228.7	46	18
19/05/12	12:01:28	1253	0.75	234.7	46	21
19/05/12	14:16:21	1426	0.75	225.7	48	22
19/05/12	16:01:44	1599	0.75	230.7	45	26
19/05/12	19:15:16	1772	0.75	213.7	44	28
19/05/12	22:05:39	1945	0.50	222.7	48	32
20/05/12	02:33:53	2118	0.75	247.7	50	36
20/05/12	05:42:11	2291	0.75	242.7	48	40
20/05/12	08:55:43	2463	0.75	247.7	48	42
20/05/12	11:36:03	2636	0.50	270.7	48	44
20/05/12	15:19:01	2809	0.75	322.7	80	50
20/05/12	17:32:10	2982	0.50	69.7	42	53
20/05/12	20:24:56	3155	0.25	286.7	49	56
21/05/12	00:52:10	3328	0.25	355.7	51	60
21/05/12	05:37:58	3501	0.50	353.7	49	64
21/05/12	10:32:44	3674	0.50	95.7	50	71
21/05/12	13:35:54	3846	1.00	82.7	50	73
21/05/12	16:46:58	4019	0.50	98.7	50	75
21/05/12	20:46:05	4192	0.00	261.7	50	80
22/05/12	02:51:46	4365	0.00	131.7	50	84
22/05/12	10:20:40	4538	0.25	276.7	50	86
22/05/12	16:57:01	4711	0.25	225.7	50	90
24/05/12	12:17:47	0	0.00	410.0	151	96