

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 July 18, 2013

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

WELL API NO. 30-015-44386
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name TURKEY TRACK 4 3 STATE
8. Well Number 022H
9. OGRID Number 192462
10. Pool name or Wildcat TURKEY TRACK; BONE SPRING

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 WTP LP
3. Address of Operator PO BOX 4294, HOUSTON, TX 77210
4. Well Location Unit Letter <u>D</u> , Lt <u>4</u> : <u>1156</u> feet from the <u>N</u> line and <u>570</u> feet from the <u>W</u> line Section <u>4</u> Township <u>19S</u> Range <u>29E</u> NMPM County <u>EDDY</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3408' 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 ☐			
CLOSED-LOOP SYSTEM ☐			
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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY USA WTP LP respectfully requests to change the well number of the Turkey Track 4 3 State #22H, API No. 30-015-44386, to the Turkey Track 4 3 State #32H and amend the APD with the following changes:

1. Change target formation from 2nd Bone Spring Sand to 3rd Bone Spring Sand. New plat and directional plan is attached.
2. Amend casing and cementing details to accommodate new target.

Spud Date: 10/03/17 Rig Release Date:

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

SIGNATURE Justin Morris TITLE REGULATORY LEAD DATE 05/15/2018
Type or print name JUSTIN MORRIS E-mail address: JUSTIN MORRIS@OXY.COM PHONE: 713-366-5249
For State Use Only
APPROVED BY: Justin K. Fen TITLE Business Ops Spec H DATE 5-16-2018
Conditions of Approval (if any)

District I
 1635 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 393-6720
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 Phone: (505) 334-6178 Fax: (505) 334-6170
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3463

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44386	Pool Code 60600	Pool Name Turkey Track; Bone Spring
Property Code 318404	Property Name TURKEY TRACK "4-3" STATE	Well Number 32H
OGRID No. 192463	Operator Name OXY USA-INC. WTP LP	Elevation 3408.9'

Surface Location

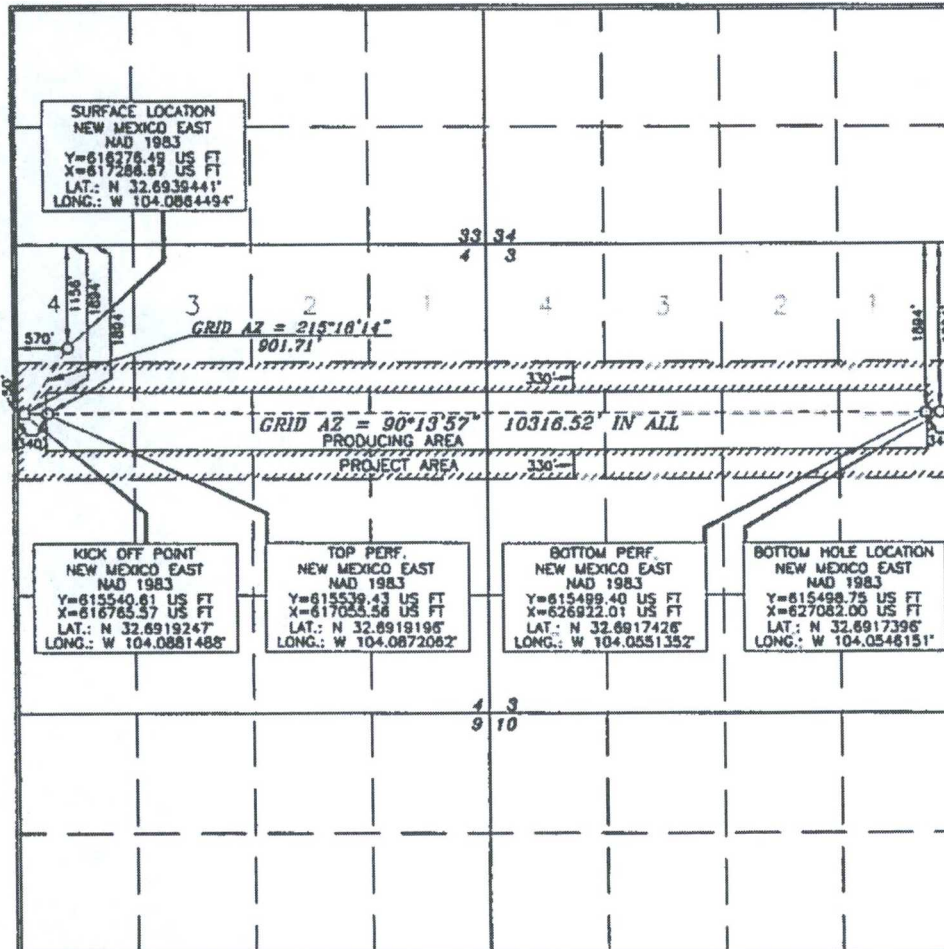
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	4	19 SOUTH	29 EAST, N.M.P.M.		1156'	NORTH	570'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	3	19 SOUTH	29 EAST, N.M.P.M.		1894'	NORTH	180'	EAST	EDDY

Dedicated Acres 320	Joint or Infill 4	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and
 complete to the best of my knowledge and belief, and that this
 organization either owns a working interest or undivided mineral
 interest in the land including the proposed bottom hole location or
 has a right to drill this well at this location pursuant to a contract
 with an owner of such a mineral or working interest, or to a
 voluntary pooling agreement or a compulsory pooling order
 hereafter entered by the division.

Signature: **Justin Morris** Date: **4-3-18**
 Printed Name: **Justin Morris**
 E-mail Address: **Justin-Morris@oxy.com**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this
 plat was plotted from field notes of actual surveys
 made by me or under my supervision, and that the
 same is true and correct to the best of my belief.

Date of Survey: **JULY 5, 2017**
 Signature and Seal of Professional Surveyor:

Signature: **Tena Allal** Date: **7/26/2017**
 Certificate Number: **15079**

Oxy USA Inc. - Turkey Track 4-3 State 32H – API 30-015-44386

1. Casing Program

Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	Buoyant	Buoyant
	From (ft)	To (ft)							Body SF Tension	Joint SF Tension
17.5	0	400	13.375	54.5	J55	BTC	1.125	1.2	1.4	1.4
12.25	0	2978	9.625	36	J55	BTC	1.125	1.2	1.4	1.4
8.5	0	18886	5.5	20	P110	DQX	1.125	1.2	1.4	1.4
SF Values will meet or Exceed										

2. Cementing Program

Cement volumes changed due to the change in MD.

Casing String	# Sks	Wt. (lb/gal)	Yld (ft3/sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface Lead	N/A	N/A	N/A	N/A	N/A	N/A
Surface Tail	432	14.8	1.33	6.365	5:26	Class C Cement, Accelerator
Intermediate Lead	837	12.9	1.73	8.784	15:26	Pozzolan Cement, Retarder
Intermediate Tail	156	14.8	1.33	6.368	7:11	Class C Cement, Accelerator
Production Lead	1044	11.9	2.24	12.327	14:46	Class H Cement, Retarder, Dispersant, Salt
Production Tail	2123	13.2	1.38	6.686	3:49	Class H Cement, Retarder, Dispersant, Salt

Casing String	Top (ft)	Bottom (ft)	% Excess
Surface Lead	N/A	N/A	N/A
Surface Tail	0	400	100%
Intermediate Lead	0	2478	100%
Intermediate Tail	2478	2978	20%
Production Lead	2478	7788	100%
Production Tail	7788	18886	15%

Oxy Turkey Track 4-3 State 32H Rev0 smk 04Apr18 Proposal Geodetic Report
(Def Plan)

Report Date:

April 07, 2018 - 05:14 PM

Client:

Oxy

NMI Eddy County (NAD 83)

Field:

Oxy Turkey Track 4-3 State 32H / Oxy Turkey Track 4-3 State 32H

Well:

Oxy Turkey Track 4-3 State 32H

Borehole:

Unknown / Unknown

UWI / API#:

Oxy Turkey Track 4-3 State 32H Rev0 smk 04Apr18

Survey Date:

April 04, 2018

Tort / AHD / DDI / ERD Ratio:

109.626° / 111.65418 ft / 6.417 / 1.261

Coordinate Reference System:

NAD83 New Mexico State Plane, Eastern Zone, US Feet

Location Lat / Long:

N 32° 41' 38.19887", W 104° 5' 11.21774"

Location Grid N/E Y/X:

N 616276.490 ftUS, E 617286.670 ftUS

CRS Grid Convergence Angle:

0.1334°

Grid Scale Factor:

0.9999157

Version / Patch:

2.10.715.0

Survey / DLS Computation:

94.540° (Grid North)

Vertical Section Azimuth:

0.000 ft, 0.000 ft

TVD Reference Datum:

RKB-26.5'

Seabed / Ground Elevation:

3439.200 ft above MSL

Magnetic Declination:

7.418°

Total Gravity Field Strength:

998.5156mg (9.80665 Based)

Gravity Model:

GARM

Total Magnetic Field Strength:

48110.787 nT

Magnetic Dip Angle:

60.499°

Declination Date:

April 04, 2018

Magnetic Declination Model:

HDGM 2018

North Reference:

Grid North

Grid Convergence Used:

0.1334°

North:

7.2849°

Local Coord Referenced To:

Well Head

Report Date:	April 07, 2018 - 05:14 PM											
Client:	OXY											
Structure / Shot:	NM Eddy County (NAD 83)											
Well:	Oxy Turkey Track 4-3 State 32H / Oxy Turkey Track 4-3 State 32H											
Borehole:	Oxy Turkey Track 4-3 State 32H											
UWI / API#:	Original Borehole											
Survey Name:	Unknown / Unknown											
Survey Date:	Oxy Turkey Track 4-3 State 32H RevD smk 04Apr18											
Tort / AHD / DDI / ERD Ratio:	99.626° / 11165.418 ft / 6.417 / 1.261											
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet											
Location Lat / Long:	N 32° 41' 38.19667" W 104° 5' 11.21774"											
Location Grid N/E Y/X:	N 616276.490 RUS, E 617286.670 RUS											
CRS Grid Convergence Angle:	0.1334 °											
Grid Scale Factor:	0.9999157											
Version / Patch:	2.10.715.0											
Comments	MD	Incl	Azim Grid	TVD	VSEC	NS	EW	DLS	Northing	Easting	Latitude	Longitude
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	100.00	0.00	223.01	100.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	200.00	0.00	223.01	200.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	300.00	0.00	223.01	300.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	400.00	0.00	223.01	400.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	500.00	0.00	223.01	500.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	600.00	0.00	223.01	600.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	700.00	0.00	223.01	700.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	800.00	0.00	223.01	800.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	900.00	0.00	223.01	900.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1000.00	0.00	223.01	1000.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1100.00	0.00	223.01	1100.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1200.00	0.00	223.01	1200.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1300.00	0.00	223.01	1300.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1400.00	0.00	223.01	1400.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1500.00	0.00	223.01	1500.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1600.00	0.00	223.01	1600.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1700.00	0.00	223.01	1700.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1800.00	0.00	223.01	1800.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
	1900.00	0.00	223.01	1900.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22	
2000.00	0.00	223.01	2000.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2100.00	0.00	223.01	2100.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2200.00	0.00	223.01	2200.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2300.00	0.00	223.01	2300.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2400.00	0.00	223.01	2400.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2500.00	0.00	223.01	2500.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2600.00	0.00	223.01	2600.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2700.00	0.00	223.01	2700.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2800.00	0.00	223.01	2800.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
2900.00	0.00	223.01	2900.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3000.00	0.00	223.01	3000.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3100.00	0.00	223.01	3100.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3200.00	0.00	223.01	3200.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3300.00	0.00	223.01	3300.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3400.00	0.00	223.01	3400.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3500.00	0.00	223.01	3500.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3600.00	0.00	223.01	3600.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3700.00	0.00	223.01	3700.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3800.00	0.00	223.01	3800.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3900.00	0.00	223.01	3900.00	0.00	0.00	0.00	0.00	616276.49	617286.67	N 32 41 38.20 W 104 5 11.22		
3913.00	1.74	223.01	3913.00	0.00	-0.82	-0.97	2.00	616275.52	617285.77	N 32 41 38.19 W 104 5 11.23		
4000.00	3.74	223.01	4099.87	-3.80	-4.46	-4.16	2.00	616272.03	617282.51	N 32 41 38.15 W 104 5 11.22		
4100.00	5.74	223.01	4199.52	-8.84	-10.50	-9.80	2.00	616265.99	617278.87	N 32 41 38.09 W 104 5 11.33		
4200.00	7.74	223.01	4298.82	-16.24	-19.09	-17.80	2.00	616258.41	617268.87	N 32 41 38.20 W 104 5 11.22		
4300.00	9.74	223.01	4397.66	-25.69	-30.20	-28.17	2.00	616246.29	617258.87	N 32 41 38.20 W 104 5 11.22		
4400.00	11.74	223.01	4495.90	-37.28	-43.82	-40.88	2.00	616232.68	617248.87	N 32 41 38.20 W 104 5 11.22		
4500.00	12.00	223.01	4593.72	-45.84	-51.01	-48.73	2.00	616217.46	617238.87	N 32 41 38.20 W 104 5 11.22		
4513.22	12.00	223.01	4593.72	-50.20	-54.01	-50.04	2.00	616202.27	617228.87	N 32 41 38.20 W 104 5 11.22		
4600.00	12.00	223.01	4691.53	-53.14	-57.02	-53.41	2.00	616187.85	617218.87	N 32 41 38.19 W 104 5 11.23		
4700.00	12.00	223.01	4789.35	-56.07	-60.04	-56.83	2.00	616171.86	617208.87	N 32 41 38.15 W 104 5 11.27		
4800.00	12.00	223.01	4887.16	-58.91	-63.06	-59.69	2.00	616155.65	617198.87	N 32 41 38.09 W 104 5 11.33		
4900.00	12.00	223.01	4984.97	-61.85	-66.08	-62.57	2.00	616139.44	617188.87	N 32 41 38.09 W 104 5 11.33		
5000.00	12.00	223.01	5082.79	-64.79	-69.10	-65.54	2.00	616123.23	617178.87	N 32 41 36.56 W 104 5 13.03		
5100.00	12.00	223.01	5180.60	-67.72	-72.12	-68.51	2.00	616107.02	617168.87	N 32 41 36.41 W 104 5 13.36		
5200.00	12.00	223.01	5278.41	-70.75	-75.15	-71.54	2.00	616090.81	617158.87	N 32 41 36.26 W 104 5 13.69		
5300.00	12.00	223.01	5376.22	-73.78	-78.18	-74.57	2.00	616074.60	617148.87	N 32 41 36.11 W 104 5 14.03		
5400.00	12.00	223.01	5474.04	-76.81	-81.21	-77.60	2.00	616058.39	617138.87	N 32 41 35.96 W 104 5 14.36		
5500.00	12.00	223.01	5571.85	-79.84	-84.24	-80.59	2.00	616042.18	617128.87	N 32 41 35.81 W 104 5 14.69		
5600.00	12.00	223.01	5669.67	-82.87	-87.27	-83.62	2.00	616025.97	617118.87	N 32 41 34.91 W 104 5 14.86		
5700.00	12.00	223.01	5767.48	-85.90	-90.30	-86.65	2.00	616009.76	617108.87	N 32 41 34.76 W 104 5 15.03		
5800.00	12.00	223.01	5865.29	-88.93	-93.33	-89.68	2.00	616000.55	617098.87	N 32 41 34.61 W 104 5 15.19		
5900.00	12.00	223.01	5963.11	-91.96	-96.36	-92.71	2.00	615981.34	617088.87	N 32 41 34.46 W 104 5 15.36		
6000.00	12.00	223.01	6060.92	-94.99	-99.39	-95.74	2.00	615962.12	617078.87	N 32 41 34.31 W 104 5 15.52		
6100.00	12.00	223.01	6158.73	-97.92	-102.42	-98.71	2.00	615943.73	617068.87	N 32 41 34.16 W 104 5 15.69		
6200.00	12.00	223.01	6256.54	-100.95	-105.45	-101.74	2.00	615924.82	617058.87	N 32 41 34.01 W 104 5 15.86		
6300.00	12.00	223.01	6354.36	-103.98	-108.48	-104.77	2.00	615905.94	617048.87	N 32 41 33.86 W 104 5 16.03		
6400.00	12.00	223.01	6452.17	-107.01	-111.51	-103.30	2.00	615887.01	617038.87	N 32 41 33.71 W 104 5 16.19		
6500.00	12.00	223.01	6549.98	-110.04	-114.54	-106.33	2.00	615868.06	617028.87	N 32 41 33.56 W 104 5 16.36		
6600.00	12.00	223.01	6647.80	-113.07	-117.57	-109.36	2.00	615849.11	617018.87	N 32 41 33.41 W 104 5 16.52		
6700.00	12.00	223.01	6745.61	-116.10	-120.60	-112.39	2.00	615830.16	617008.87	N 32 41 33.26 W 104 5 16.69		
6800.00	12.00	223.01	6843.42	-119.13	-123.63	-115.42	2.00	615811.21	616998.87	N 32 41 33.11 W 104 5 16.86		
6900.00	12.00	223.01	6941.24	-122.16	-126.66	-118.45	2.00	615792.26	616988.87	N 32 41 32.96 W 104 5 17.03		
7000.00	12.00	223.01	7039.05	-125.19	-129.69	-121.48	2.00	615773.31	616978.87	N 32 41 32.81 W 104 5 17.20		
7100.00	12.00	223.01	7136.86	-128.22	-132.72	-124.51	2.00	615754.36	616968.87	N 32 41 32.66 W 104 5 17.37		
7200.00	12.00	223.01	7234.68	-131.25	-135.75	-127.54	2.00	615735.41	616958.87	N 32 41 32.51 W 104 5 17.54		
7300.00	12.00	223.01	7332.49	-134.28	-138.78	-130.57	2.00	615716.46	616948.87	N 32 41 32.36 W 104 5 17.71		
7400.00	12.00	223.01	7430.30	-137.31	-141.81	-133.60	2.00	615697.51	616938.87	N 32 41 32.21 W 104 5 17.88		
7500.00	12.00	223.01	7528.11	-140.34	-144.84	-136.63	2.00	615678.56	616928.87	N 32 41 32.06 W 104 5 18.05		

Comments	MD	Incl	Azim Grid	TVD	VSEC	NS	EW	DLS	Northings	Eastings	Latitude	Longitude
Turn 2°/100'	7600.00	12.00	223.01	7528.12	-438.33	-515.31	-480.82	0.00	615761.23	616006.09	N 32 41 33.11 W 104	5 16.86
	7664.99	12.00	223.01	7591.69	-446.74	-525.19	-489.84	0.00	615751.34	616096.87	N 32 41 33.01 W 104	5 16.86
	7700.00	11.86	220.63	7625.95	-451.06	-530.56	-494.50	2.00	615745.97	616192.11	N 32 41 32.96 W 104	5 17.02
	7800.00	10.66	210.63	7724.03	-461.07	-546.41	-505.90	2.00	615730.61	616300.61	N 32 41 32.80 W 104	5 17.15
	7900.00	10.39	200.07	7822.33	-467.63	-562.98	-513.80	2.00	615713.55	616418.24	N 32 41 32.64 W 104	5 17.25
	8000.00	10.28	188.92	7920.72	-470.72	-580.27	-518.28	2.00	615698.27	616536.77	N 32 41 32.47 W 104	5 17.30
	8100.00	10.56	181.08	8019.08	-470.35	-599.25	-519.33	2.00	615683.27	616678.38	N 32 41 32.29 W 104	5 17.30
	8200.00	11.19	167.88	8117.29	-466.52	-616.90	-516.97	2.00	615669.65	616769.75	N 32 41 32.11 W 104	5 17.28
	8288.81	12.00	160.00	8204.29	-460.21	-634.00	-512.00	2.00	615642.54	616774.71	N 32 41 31.94 W 104	5 17.23
	8300.00	12.42	155.10	8215.23	-459.14	-636.18	-511.10	10.00	615640.36	616775.62	N 32 41 31.92 W 104	5 17.23
Build/Turn 10°/100'	8400.00	18.86	125.83	8311.62	-439.98	-655.45	-493.41	10.00	615622.70	616793.03	N 32 41 31.72 W 104	5 17.01
	8500.00	27.47	112.66	8403.53	-404.16	-673.85	-458.93	10.00	615602.70	616827.78	N 32 41 31.54 W 104	5 16.81
	8600.00	36.75	105.58	8498.16	-352.74	-690.81	-408.70	10.00	615586.73	616870.00	N 32 41 31.37 W 104	5 16.02
	8700.00	46.30	101.08	8582.96	-287.29	-708.84	-344.24	10.00	615570.72	616942.46	N 32 41 31.22 W 104	5 15.26
	8800.00	55.98	97.82	8675.63	-209.81	-718.45	-267.51	10.00	615558.10	617019.18	N 32 41 31.10 W 104	5 14.37
	8900.00	65.72	95.25	8764.29	-122.64	-728.29	-180.85	10.00	615548.26	617105.84	N 32 41 31.00 W 104	5 13.35
	9000.00	75.50	93.04	8874.44	-28.43	-735.04	-86.88	10.00	615541.52	617199.79	N 32 41 30.93 W 104	5 12.25
	9100.00	85.31	91.02	8974.09	69.95	-738.50	11.53	10.00	615538.06	617298.20	N 32 41 30.89 W 104	5 11.10
	9200.00	89.25	90.23	9076.00	110.06	-738.94	51.74	10.00	615537.62	617338.40	N 32 41 30.88 W 104	5 9.93
	9300.00	89.25	90.23	9178.00	169.63	-739.17	111.47	0.00	615537.38	617398.13	N 32 41 30.88 W 104	5 8.76
Landing Point	9400.00	89.25	90.23	9278.09	269.33	-739.57	211.46	0.00	615536.88	617498.11	N 32 41 30.87 W 104	5 7.59
	9500.00	89.25	90.23	9379.39	369.04	-739.97	311.45	0.00	615536.58	617598.09	N 32 41 30.87 W 104	5 6.42
	9600.00	89.25	90.23	9480.69	468.75	-740.37	411.44	0.00	615536.18	617698.08	N 32 41 30.86 W 104	5 5.25
	9700.00	89.25	90.23	9581.99	568.46	-740.77	511.43	0.00	615535.78	617798.06	N 32 41 30.85 W 104	5 4.08
	9800.00	89.25	90.23	9683.29	668.17	-741.17	611.42	0.00	615535.39	617898.04	N 32 41 30.84 W 104	5 2.91
	9900.00	89.25	90.23	9784.59	767.88	-741.57	711.41	0.00	615534.99	617998.02	N 32 41 30.84 W 104	5 1.74
	10000.00	89.25	90.23	9885.89	867.59	-741.97	811.40	0.00	615534.59	618098.00	N 32 41 30.84 W 104	5 0.57
	10100.00	89.25	90.23	9987.19	967.29	-742.36	911.39	0.00	615534.19	618197.99	N 32 41 30.83 W 104	5 0.57
	10200.00	89.25	90.23	10088.49	1067.00	-742.76	1011.38	0.00	615533.79	618297.97	N 32 41 30.83 W 104	4 59.40
	10300.00	89.25	90.23	10189.79	1166.71	-743.16	1111.38	0.00	615533.39	618397.95	N 32 41 30.82 W 104	4 58.23
	10400.00	89.25	90.23	10291.09	1266.42	-743.56	1211.37	0.00	615532.99	618497.93	N 32 41 30.82 W 104	4 57.06
	10500.00	89.25	90.23	10392.39	1366.13	-743.96	1311.36	0.00	615532.59	618597.91	N 32 41 30.81 W 104	4 55.89
	10600.00	89.25	90.23	10493.69	1465.84	-744.36	1411.35	0.00	615532.20	618697.88	N 32 41 30.80 W 104	4 54.72
	10700.00	89.25	90.23	10594.99	1565.55	-744.76	1511.34	0.00	615531.80	618797.86	N 32 41 30.79 W 104	4 53.55
	10800.00	89.25	90.23	10696.29	1665.25	-745.16	1611.33	0.00	615531.40	618897.84	N 32 41 30.78 W 104	4 52.38
	10900.00	89.25	90.23	10797.59	1764.96	-745.56	1711.32	0.00	615531.00	618997.83	N 32 41 30.78 W 104	4 51.21
	11000.00	89.25	90.23	10898.89	1864.67	-745.95	1811.31	0.00	615530.60	619097.81	N 32 41 30.77 W 104	4 50.04
	11100.00	89.25	90.23	10999.19	1964.38	-746.35	1911.30	0.00	615530.20	619197.79	N 32 41 30.76 W 104	4 48.87
	11200.00	89.25	90.23	11100.49	2064.09	-746.75	2011.29	0.00	615529.80	619297.77	N 32 41 30.75 W 104	4 47.70
	11300.00	89.25	90.23	11201.79	2163.80	-747.15	2111.28	0.00	615529.40	619397.75	N 32 41 30.75 W 104	4 46.53
	11400.00	89.25	90.23	11303.09	2263.51	-747.55	2211.27	0.00	615529.00	619497.73	N 32 41 30.74 W 104	4 45.36
	11500.00	89.25	90.23	11404.39	2363.22	-747.95	2311.26	0.00	615528.60	619597.71	N 32 41 30.73 W 104	4 44.19
	11600.00	89.25	90.23	11505.69	2462.92	-748.35	2411.26	0.00	615528.20	619697.69	N 32 41 30.72 W 104	4 43.02
	11700.00	89.25	90.23	11606.99	2562.63	-748.75	2511.25	0.00	615527.80	619797.67	N 32 41 30.71 W 104	4 41.85
	11800.00	89.25	90.23	11708.29	2662.34	-749.15	2611.24	0.00	615527.40	619897.65	N 32 41 30.70 W 104	4 40.68
	11900.00	89.25	90.23	11809.59	2762.05	-749.55	2711.23	0.00	615527.00	619997.63	N 32 41 30.69 W 104	4 39.51
	12000.00	89.25	90.23	11910.89	2861.76	-749.94	2811.22	0.00	615526.60	620097.61	N 32 41 30.68 W 104	4 38.34
	12100.00	89.25	90.23	12012.19	2961.47	-750.34	2911.21	0.00	615526.20	620197.59	N 32 41 30.67 W 104	4 37.17
	12200.00	89.25	90.23	12113.49	3061.17	-750.74	3011.20	0.00	615525.80	620297.57	N 32 41 30.66 W 104	4 36.00
	12300.00	89.25	90.23	12214.79	3160.88	-751.14	3111.19	0.00	615525.40	620397.55	N 32 41 30.65 W 104	4 34.83
	12400.00	89.25	90.23	12316.09	3260.59	-751.54	3211.18	0.00	615525.00	620497.53	N 32 41 30.64 W 104	4 33.66
	12500.00	89.25	90.23	12417.39	3360.30	-751.94	3311.17	0.00	615524.60	620597.51	N 32 41 30.63 W 104	4 32.49
	12600.00	89.25	90.23	12518.69	3460.01	-752.34	3411.16	0.00	615524.20	620697.49	N 32 41 30.62 W 104	4 31.32
	12700.00	89.25	90.23	12619.99	3559.72	-752.74	3511.15	0.00	615523.80	620797.47	N 32 41 30.61 W 104	4 30.15
	12800.00	89.25	90.23	12721.29	3659.43	-753.13	3611.14	0.00	615523.40	620897.45	N 32 41 30.60 W 104	4 28.98
	12900.00	89.25	90.23	12822.59	3759.13	-753.53	3711.13	0.00	615523.00	620997.43	N 32 41 30.59 W 104	4 27.81
	13000.00	89.25	90.23	12923.89	3858.84	-753.93	3811.13	0.00	615522.60	621097.41	N 32 41 30.58 W 104	4 26.64
	13100.00	89.25	90.23	13025.19	3958.55	-754.33	3911.12	0.00	615522.20	621197.39	N 32 41 30.57 W 104	4 25.47
	13200.00	89.25	90.23	13126.49	4058.26	-754.73	4011.11	0.00	615521.80	621297.37	N 32 41 30.56 W 104	4 24.30
	13300.00	89.25	90.23	13227.79	4157.97	-755.13	4111.10	0.00	615521.40	621397.35	N 32 41 30.55 W 104	4 23.13
	13400.00	89.25	90.23	13329.09	4257.68	-755.53	4211.09	0.00	615521.00	621497.33	N 32 41 30.54 W 104	4 21.96
	13500.00	89.25	90.23	13430.39	4357.39	-755.93	4311.08	0.00	615520.60	621597.31	N 32 41 30.53 W 104	4 20.79
	13600.00	89.25	90.23	13531.69	4457.09	-756.33	4411.07	0.00	615520.20	621697.29	N 32 41 30.52 W 104	4 19.62
	13700.00	89.25	90.23	13632.99	4556.80	-756.72	4511.06	0.00	615519.83	621797.27	N 32 41 30.51 W 104	4 18.45
	13800.00	89.25	90.23	13734.29	4656.51	-757.12	4611.05	0.00	615519.43	621897.25	N 32 41 30.50 W 104	4 17.28
	13900.00	89.25	90.23	13835.59	4756.22	-757.52	4711.04	0.00	615519.03	621997.23	N 32 41 30.49 W 104	4 16.11
	14000.00	89.25	90.23	13936.89	4855.93	-757.92						

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (NUS)	Easting (EUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	18100.00	89.25	90.23	8842.76	9043.69	-774.67	9010.64	0.00	615501.88	626296.54	N 32 41 30.31 W 104	3 25.81
	18200.00	89.25	90.23	8844.07	9143.40	-775.07	9110.63	0.00	615501.48	626396.52	N 32 41 30.31 W 104	3 24.64
	18300.00	89.25	90.23	8845.37	9243.11	-775.47	9210.62	0.00	615501.09	626496.50	N 32 41 30.30 W 104	3 23.47
	18400.00	89.25	90.23	8846.67	9342.82	-775.87	9310.61	0.00	615500.69	626596.48	N 32 41 30.29 W 104	3 22.30
	18500.00	89.25	90.23	8847.97	9442.52	-776.27	9410.61	0.00	615500.29	626696.46	N 32 41 30.29 W 104	3 21.13
	18600.00	89.25	90.23	8849.28	9542.23	-776.67	9510.60	0.00	615499.89	626796.45	N 32 41 30.28 W 104	3 19.96
	18700.00	89.25	90.23	8850.58	9641.94	-777.07	9610.59	0.00	615499.49	626896.43	N 32 41 30.27 W 104	3 18.79
	18800.00	89.25	90.23	8851.88	9741.65	-777.47	9710.58	0.00	615499.09	626996.41	N 32 41 30.27 W 104	3 17.62
Turkey Track 4-3 State 32H PBHL	18885.61	89.25	90.23	8853.00	9827.01	-777.81	9796.18	0.00	615498.75	627082.00	N 32 41 30.26 W 104	3 16.61

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/100.000	30.000	30.000		NAL_MWD_PLUS_0.5_DEG- Depth Only	Original Borehole / Oxy Turkey Track 4-3 State 32H Rev0 smk 04Apr18
	1	26.500	18885.606	1/100.000	30.000	30.000		NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Turkey Track 4-3 State 32H Rev0 smk