

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL APT NO. 30-025-30553
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VB-43

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Ruby 22 State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER _____		
2. Name of Operator Oryx Energy Company		8. Well No. 1
3. Address of Operator P. O. Box 1861, Midland, Texas 79702		9. Pool name or Wildcat Humble City Strawn
4. Well Location Unit Letter <u>A</u> : <u>710</u> Feet From The <u>North</u> Line and <u>570</u> Feet From The <u>East</u> Line Section <u>22</u> Township <u>17-S</u> Range <u>37-E</u> NMPM Lea County		
10. Date Spudded 5-8-89	11. Date T.D. Reached 6-2-89	12. Date Compl. (Ready to Prod.) 6-2-89
13. Elevations (DF & RKB, RT, GR, etc.) 3733.7 GR		14. Elev. Casinghead
15. Total Depth 11,615'	16. Plug Back T.D. 11,410'	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools ☒ Cable Tools		
19. Producing Interval(s), of this completion - Top, Bottom, Name		20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run DLL-MG-Cal-GR, CNL-FD-GR & PE Curve, BHC-Sonic		22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	503'	17 1/2"	525 sxs	115 sxs
8 5/8"	32#	4500'	11"	1400 sxs	243 sxs
			7 7/8"		

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				None		

26. Perforation record (interval, size, and number) None	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None	

28. PRODUCTION							
Date First Production None		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
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30. List Attachments C-103, Directional Survey Report
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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature <u>Maria L. Perez</u>	Printed Name <u>Maria L. Perez</u>	Title <u>Accountant</u>	Date <u>7-12-89</u>

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	2186	T. Canyon	10900
T. Salt	2304	T. Strawn	11340
B. Salt		T. Atoka	11545
T. Yates	3467	T. Miss	
T. 7 Rivers	3690	T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinbry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T.	
T. Wolfcamp	10053	T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo		T. Penn. "B"	
T. Kirtland-Fruitland		T. Penn. "C"	
T. Pictured Cliffs		T. Penn. "D"	
T. Cliff House		T. Leadville	
T. Menefee		T. Madison	
T. Point Lookout		T. Elbert	
T. Mancos		T. McCracken	
T. Gallup		T. Ignacio Otzte	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permian		T.	
T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, from.....to.....	No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet.....
No. 2, from.....to.....	feet.....
No. 3, from.....to.....	feet.....

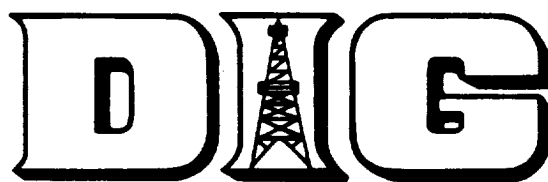
LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2186	2304	118	Anhydrite	10900	11340	440	Shale & Limestone
2304	3467	1163	Salt, Anhydrite	11340	11513	1173	Limestone
3467	3690	223	Sandstone w/interbedded Shale & Dolomite	11513	11545	32	Sandstone
3690	6410	2720	Dolomite w/interbedded Shale & Sandstone	11545	11615	70	Shale & Sandstone
6410	6450	40	Limestone				
6450	6585	85	Dolomite & Dolomite Limestone				
6585	7040	505	Limestone				
7040	8300	1260	Dolomite				
8300	8490	190	Siltstone & Limestone				
8490	9340	850	Siltstone & Shaley Limestone				
9340	9517	177	Dolomite & Siltstone				
9517	10340	823	Siltstone & interbedded Shaley Limestone				
10340	10900	560	Limestone, Argillaccos Limestone & Shale				

RECORDED

AUG 4 1986

OCD
MOBBS OFFICE



**SUB-SURFACE
DIRECTIONAL
SURVEY
REPORT**

ORYX ENERGY

COMPANY

RUBY STATE WELL 22-1

WELL NAME

LEA COUNTY NEW MEXICO

STATE AND COUNTY

CERTIFIED REPORT

DRYX ENERGY
RUBY STATE WELL NO. 22-1
WT-00105

PAGE 1
02:00:59
00/00/00

MEASURED	INCL.	HOLE	COURSE	TRUE	RECT AN	UL AR	C L O S U R E	DOG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	C O U R D I N A T E S	DISTANCE	DIRECTION	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	N/S	FEET	DEGS.	D6/100FT
0.00	0.00	N	0.00	0.00	0.00 N	0.00'	N 00.00 E	0.00
100.00	.10	N 25.00 W	100.00	100.00	.08 N	.09'	N 25.00 W	.10
200.00	.10	S 81.00 W	100.00	200.00	.16 N	.24'	N 49.26 W	.12
300.00	.20	N 90.00 E	100.00	300.00	.02 S	.17'	S 83.53 W	.30
400.00	.30	S 68.00 E	100.00	400.00	.10 S	.28'	S 68.56 E	.14
500.00	.40	S 38.00 E	100.00	500.00	.47 S	.88'	S 57.89 E	.21
600.00	.60	S 44.00 E	100.00	599.99	1.12 S	1.73'	S 49.46 E	.21
700.00	.40	S 36.00 E	100.00	699.99	1.79 S	2.59'	S 46.29 E	.21
800.00	.60	S 43.00 E	100.00	799.99	2.46 S	3.46'	S 44.58 E	.21
900.00	.70	S 81.00 E	100.00	899.99	2.99 S	4.53'	S 48.80 E	.43
1000.00	.40	S 34.00 E	100.00	999.97	3.49 S	5.46'	S 50.28 E	.52
1100.00	.80	S 46.00 E	100.00	1099.92	4.29 S	6.49'	S 48.63 E	.42
1200.00	.80	S 80.00 E	100.00	1199.96	4.91 S	7.83'	S 51.13 E	.47
1300.00	.80	S 58.00 E	100.00	1299.95	5.41 S	9.16'	S 53.80 E	.31
1400.00	.70	S 42.00 E	100.00	1399.94	6.25 S	10.46'	S 53.32 E	.23
1500.00	.90	S 39.00 E	100.00	1499.93	7.31 S	11.83'	S 51.82 E	.20
1600.00	1.00	S 35.00 E	100.00	1599.92	8.64 S	13.44'	S 50.01 E	.12
1700.00	1.00	S 39.00 E	100.00	1699.90	10.03 S	15.14'	S 48.53 E	.07
1800.00	1.10	S 36.00 E	100.00	1799.88	11.48 S	16.95'	S 47.34 E	.11
1900.00	.80	S 26.00 E	100.00	1899.87	12.90 S	18.54'	S 45.90 E	.34
2000.00	.80	S 25.00 E	100.00	1999.86	14.16 S	19.85'	S 44.50 E	.01
2100.00	.70	S 32.00 W	100.00	2099.85	15.42 S	20.72'	S 41.92 E	.72
2200.00	.40	S 33.00 W	100.00	2199.85	16.22 S	20.99'	S 39.39 E	.30
2300.00	.60	S 37.00 W	100.00	2299.84	16.94 S	21.25'	S 37.12 E	.20
2400.00	.50	S 69.00 W	100.00	2399.84	17.51 S	21.26'	S 34.57 E	.32

URVX ENERGY
RUBY STATE WELL NO. 22-1
WT-00105

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02:01:55
00/00/00

MEASURED	INCL.	HOLE	COURSE	VERTICAL	TRUE	RELECT	ANGULAR	C L O S U R E	DOG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	DEPTH	C U R D I N A T E S	FEET	DISTANCE	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	FEET	N/S	feet E/W	FEET	DEGS.
2500.00	.70	S 35.00 W	100.00	2499.83	10.15 S	11.25 E	21.35' S 31.81 E	.40	
2600.00	.60	S 24.00 W	100.00	2599.83	19.13 S	10.70 E	21.92' S 29.21 E	.16	
2700.00	.20	S 30.00 W	100.00	2699.82	19.75 S	10.38 E	22.31' S 27.72 E	.40	
2800.00	.30	S 02.00 W	100.00	2799.82	20.17 S	10.26 E	22.63' S 26.96 E	.16	
2900.00	.20	S 38.00 W	100.00	2899.82	20.57 S	10.11 E	22.92' S 26.18 E	.18	
3000.00	.10	S 34.00 W	100.00	2999.82	20.78 S	9.96 E	23.05' S 25.60 E	.10	
3100.00	.50	S 20.00 W	100.00	3099.82	21.25 S	9.72 E	23.37' S 24.50 E	.40	
3200.00	.20	S 51.00 W	100.00	3199.82	21.74 S	9.37 E	23.67' S 23.32 E	.34	
3300.00	0.00	S * * * *	100.00	3299.82	21.85 S	9.24 E	23.72' S 22.91 E	.20	
3400.00	.10	S 59.00 E	100.00	3399.82	21.89 S	9.31 E	23.79' S 23.04 E	.10	
3500.00	.20	N 15.00 W	100.00	3499.82	21.77 S	9.47 E	23.74' S 23.52 E	.28	
3600.00	.10	S 78.00 E	100.00	3599.82	21.61 S	9.62 E	23.66' S 24.00 E	.26	
3700.00	.20	N 67.00 E	100.00	3699.82	21.59 S	9.88 E	23.74' S 24.59 E	.13	
3800.00	0.00	S * * * *	100.00	3799.82	21.52 S	10.04 E	23.75' S 25.01 E	.20	
3900.00	.30	N 39.00 W	100.00	3899.82	21.32 S	9.80 E	23.49' S 24.86 E	.30	
4000.00	.30	N 06.00 W	100.00	3999.82	20.84 S	9.68 E	22.98' S 24.91 E	.17	
4100.00	.50	N 08.00 W	100.00	4099.81	20.15 S	9.59 E	22.31' S 25.46 E	.20	
4200.00	.80	N 19.00 E	100.00	4199.81	19.03 S	9.70 E	21.36' S 27.02 E	.42	
4300.00	.90	N 30.00 E	100.00	4299.80	17.68 S	10.32 E	20.47' S 30.26 E	.19	
4400.00	1.00	N 54.00 E	100.00	4399.78	16.46 S	11.42 E	20.03' S 34.75 E	.41	
4470.00	.90	N 79.00 E	70.00	4469.77	16.00 S	12.47 E	20.29' S 37.94 E	.60	
4992.00	.75	N 46.00 W	522.00	4991.72	10.14 S	14.21 E	17.45' S 54.49 E	.28	
5497.00	1.25	S 80.00 W	505.00	5496.64	7.66 S	6.09 E	9.78' S 38.50 E	.20	
5967.00	2.50	S 24.00 W	470.00	5966.38	16.75 S	5.55 W	17.65' S 18.34 W	.44	
6381.00	2.25	S 27.00 W	414.00	6380.02	32.23 S	12.94 W	34.73' S 21.87 W	.07	

ORXX ENERGY
RUBY STATE WELL NO. 22-1
WT-00105

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02:02:46
00/00/00

MEASURED	INCL.	HOLE	COURSE	TRUE	RECTANGULAR	CLOSURE	DOG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	VERTICAL	COORDINATES	DISTANCE	SEVERITY
FEET	DG/100 FT	DG/100 FT	FEET	FEET	N/S	FEET	DG/100 FT
6657.00	2.50	S 31.00 W	278.00	6657.79	42.31 S	18.52 W	46.18' S 23.64 W
							.11

CLOSURE DISTANCE = 46.18 FEET.
CLOSURE DIRECTION = S 23.64 W

22105

CUSTOMER : ORYX ENERGY CO.

WELL # : RUBY STATE 22-1

LOCATION : LEA COUNTY, NEW MEXICO

DATE : 5/14/89 - 5/26/89

WELL TYPE : SINGLESHOTS

WELL # : D-2211

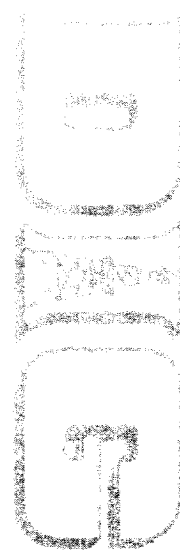
WELL NAME : JONES, RIG CREW

DEPTH : 9782' - 11615'

DECL. : 9 DEGREES

LEV. : 0'

WELL # : WT-0065



METHOD : RADIUS OF CURVATURE

SECTION : N17.45W

WELL STATION DATA:

THIS SURVEY IS CORRECT TO THE
BEST OF MY KNOWLEDGE AND IS
SUPPORTED BY ACTUAL FIELD DATA.

DIG REPRESENTATIVE

MEASURED	INCL.	HOLE	COURSE	TRUE	VERTICAL	RECTANGULAR	DUG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	SECTION	C O O R D I N A T E S	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	FEET	N/S	feet E/W
							DG/100FT

11615.00 1.00 N 15.00 E 8 58.00 11606.92 130.24 135.86 N 20.79 W .87

DRYX ENERGY CO.
RUBY STATE 22-1
WT-006S

PAGE 1
02:10:32
00/00/00

MEASURED	INCL.	MOLE	COURSE	VERTICAL	VERTICAL	RECTANGULAR	DUG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	SECTION	C U O R D I N A T E S	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	FEET	N/S feet	DG/100FT
9982.00	1.00	N 11.00 W	0.00	9979.20	22.60	6.80 N	0.00
9904.00	4.00	N 12.00 E	122.00	9901.07	27.71	12.09 N	2.54
9926.00	5.40	N 14.00 E	22.00	9923.00	29.26	13.84 N	6.41
9989.00	6.50	N 14.00 E	63.00	9985.66	34.83	20.18 N	1.75
10110.00	6.00	N 14.00 E	121.00	10105.94	46.07	32.96 N	.41
10265.00	5.50	N 14.00 E	155.00	10260.16	59.32	48.03 N	.32
10420.00	5.00	N 14.00 E	155.00	10414.50	71.42	61.79 N	.32
10573.00	4.50	N 12.00 E	153.00	10566.90	82.34	74.13 N	.34
10725.00	4.50	N 10.00 E	152.00	10718.51	92.82	85.84 N	.10
10888.00	4.50	N 08.00 E	163.00	10881.01	104.27	98.47 N	.10
10968.00	4.25	N 08.00 E	80.00	10960.77	109.78	104.51 N	.31
11157.00	3.50	N 08.00 E	189.00	11149.34	121.62	117.16 N	.40
11371.00	2.50	N 08.00 E	214.00	11363.04	131.43	128.25 N	.47
11557.00	1.50	N 13.00 E	186.00	11548.93	137.16	134.63 N	.55
11615.00	1.00	N 15.00 E	58.00	11606.92	138.24	135.86 N	.87

CLOSURE DISTANCE = 138.88 FEET.
CLOSURE DIRECTION = N 11.97 W