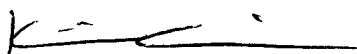


Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr , Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd , Aztec, NM 87410 <u>District IV</u> 1220 S St Francis Dr , Santa Fe, 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-105 Revised June 10, 2003 WELL API NO. 30-015-29298 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a Type of Well OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b Type of Completion: NEW ☐ WORK ☐ DEEPEN ☒ PLUG ☐ DIFF WELL OVER BACK RESVR ☐ OTHER		7. Lease Name or Unit Agreement Name G J WEST COOP UNIT					
2 Name of Operator COG Operating LLC		8 Well No. 141					
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9. Pool name or Wildcat GJ; 7RVS-QN-GB-GLORIETA-YESO 97558					
4 Well Location Unit Letter <u>N</u> <u>686</u> Feet From The <u>South</u> Line and <u>1700</u> Feet From The <u>West</u> Line Section <u>21</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>							
10 Date Spudded 12/26/96	11. Date T.D. Reached 09/16/08	12 Date Compl (Ready to Prod.) 10/16/08					
13 Elevations (DF& RKB, RT, GR, etc) 3597 GR		14 Elev Casinghead					
15 Total Depth 5530	16 Plug Back T.D 5483	17 If Multiple Compl How Many Zones? 18 Intervals Drilled By Rotary Tools Cable Tools X					
19 Producing Interval(s), of this completion - Top, Bottom, Name 4550 - 5350 Yeso		20 Was Directional Survey Made No					
21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS ✓		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	48	137	17-1/2	250	0		
8-5/8	32	784	12-1/4	425	0		
5-1/2	17	4474	7-7/8	1050	0		
4	11.3	4284	4-3/4	120			
24. LINER RECORD			25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4168	
26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
3638 - 3660 - 2 SPF, 22 holes				Closed - Existing			
4550 - 4750 - 2 SPF, 36 holes				Open - New			
4850 - 5050 - 2 SPF, 36 holes				Open - New			
5150 - 5350 - 2 SPF, 48 holes				Open - New			
				42,100# 16/30 Siberprop & base gel.			
28. PRODUCTION							
Date First Production 10/20/08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2-1/2" x 1-1/2" x 16' RHBC pump			Well Status (Prod or Shut-in) Producing		
Date of Test 10/26/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 11	Gas - MCF 2	Water - Bbl 153	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr) 38.3	
29. Disposition of Gas (Sold, used for fuel, vented, etc) SOLD					Test Witnessed By Kent Greenway		
30. List Attachments Logs, Survey							
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief							
Signature 		Printed Name Kanicia Carrillo		Title Regulatory Analyst		Date 12/17/08	
E-mail Address kcarrillo@conchoresources.com 432-685-4332							

Accepted for record - NMOCD

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		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 825	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1730	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2400	T. Simpson	T. Gallup	T. Ignacio Oztze
T. Glorieta 3860	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Yeso 3925	T. Wingate	T.
T. Wolfcamp	T. Mississippian	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, 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

G J WEST COOP UNIT #141
API#: 30-015-29298
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4850 – 5050	Acidize w/ 2500 gal acid
4850 - 5050	Frac w/ 126,055 gal lightning 2000 XL
	carrying 146,160# 16/30 Ottawa +
	33,740# 16/30 Siberprop. & 1345 gal base gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5150 - 5350	Acidize w/ 2500 gal acid
5150 - 5350	Frac w/ 125,794 gal lightning 2000 XL
	carrying 149,300# 16/30 Ottawa +
	28,700# 16/30 Siberprop. & 1500 gal base gel.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-29298	² Pool Code 96610	³ Pool Name Grayburg Jackson; 7RVS-QN-GB-Glorieta-Yeso, East
⁴ Property Code 302497	⁵ Property Name GJ West Coop Unit	⁶ Well Number 141
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING LLC	⁹ Elevation 3597

¹⁰ Surface Location

UL or lot no. N	Section 21	Township 17S	Range 29E	Lot Idn	Feet from the 686	North/South line South	Feet from the 1700	East/West line West	County Eddy
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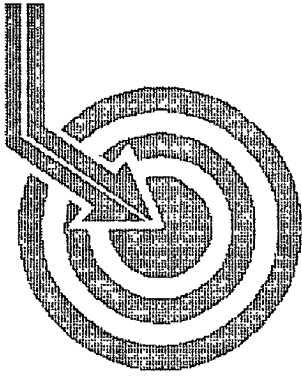
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature Printed Name Kanicia Carrillo Title and E-mail Address Regulatory Analyst Date 12/17/08
	¹⁸ SURVEYOR CERTIFICATION <i>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</i> Referred Original Plat Date of Survey Signature and Seal of Professional Surveyor
	Certificate Number



Scientific Drilling

COG RESOURCES

Field: Grayburg Jackson
Site: Eddy County, NM
Well: GJ West Coop #141
Wellpath: VH - Job #32K0908731
Survey: 09/22/08

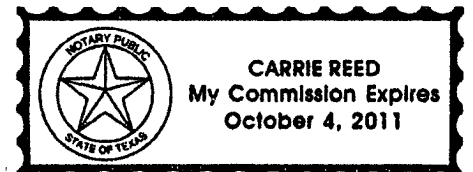
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Richard.....Company Representative

Notorized this date 14th of October, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: COG RESOURCES	Date: 10/13/2008	Time: 09:38:25	Page: 1
Field: Grayburg Jackson	Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North		
Site: Eddy County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: GJ West Coop #141	Section (VS) Reference: Well (0.00N,0.00E,146.94Azi)		
Wellpath: VH - Job #32K0908731	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 09/22/08	Start Date: 09/22/2008
Company: Scientific Drilling Internatio	Engineer: Guebara/Williams w/Halliburton
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.20	234.03	100.00	0.01	-0.10	-0.14	0.20	0.17	234.03
200.00	0.22	178.83	200.00	0.18	-0.40	-0.28	0.20	0.48	215.06
300.00	0.21	55.93	300.00	0.34	-0.49	-0.12	0.38	0.50	194.18
400.00	0.18	2.19	400.00	0.21	-0.23	0.03	0.18	0.23	171.23
500.00	0.35	81.14	500.00	0.21	-0.02	0.34	0.36	0.34	93.78
600.00	0.60	46.27	599.99	0.23	0.39	1.02	0.37	1.09	69.31
700.00	0.59	67.78	699.99	0.23	0.94	1.88	0.22	2.10	63.34
800.00	0.63	65.26	799.98	0.41	1.37	2.85	0.05	3.16	64.39
900.00	0.85	80.81	899.97	0.79	1.72	4.09	0.30	4.43	67.21
1000.00	0.72	111.02	999.97	1.60	1.61	5.40	0.43	5.64	73.42
1100.00	0.33	151.58	1099.96	2.39	1.13	6.13	0.52	6.23	79.54
1200.00	0.42	106.32	1199.96	2.96	0.77	6.62	0.30	6.66	83.32
1300.00	0.52	136.92	1299.96	3.69	0.34	7.28	0.27	7.29	87.32
1400.00	0.28	110.23	1399.95	4.33	-0.08	7.82	0.30	7.82	90.56
1500.00	0.48	112.64	1499.95	4.87	-0.32	8.43	0.20	8.44	92.18
1600.00	0.24	125.26	1599.95	5.41	-0.60	8.99	0.25	9.01	93.84
1700.00	0.34	78.04	1699.95	5.71	-0.66	9.45	0.25	9.48	94.01
1800.00	0.26	136.69	1799.95	6.04	-0.77	9.90	0.30	9.93	94.43
1900.00	0.15	259.28	1899.95	6.22	-0.96	9.92	0.36	9.97	95.50
2000.00	0.03	276.09	1999.95	6.15	-0.98	9.77	0.12	9.82	95.72
2100.00	0.28	220.41	2099.95	6.20	-1.16	9.59	0.26	9.66	96.91
2200.00	0.48	257.01	2199.94	6.13	-1.44	9.02	0.30	9.13	99.08
2300.00	0.33	247.82	2299.94	5.93	-1.64	8.34	0.16	8.50	101.15
2400.00	0.40	233.18	2399.94	5.90	-1.96	7.80	0.12	8.04	104.12
2500.00	0.45	255.20	2499.94	5.80	-2.27	7.14	0.17	7.49	107.65
2600.00	0.07	277.73	2599.94	5.64	-2.36	6.70	0.39	7.10	109.43
2700.00	0.19	54.60	2699.94	5.59	-2.26	6.77	0.25	7.14	108.45
2800.00	0.31	79.92	2799.94	5.69	-2.12	7.18	0.16	7.48	106.43
2900.00	0.34	88.54	2899.93	5.95	-2.06	7.74	0.06	8.01	104.91
3000.00	0.28	85.77	2999.93	6.22	-2.04	8.28	0.06	8.53	103.81
3100.00	0.22	18.74	3099.93	6.22	-1.84	8.58	0.28	8.78	102.07
3200.00	0.07	286.41	3199.93	6.06	-1.64	8.59	0.23	8.74	100.79
3300.00	0.05	219.83	3299.93	6.02	-1.65	8.50	0.07	8.66	101.00
3400.00	0.16	104.26	3399.93	6.14	-1.72	8.61	0.19	8.78	101.30
3500.00	0.29	359.93	3499.93	6.03	-1.50	8.74	0.36	8.87	99.75
3600.00	0.32	82.81	3599.93	5.94	-1.21	9.02	0.40	9.10	97.67
3700.00	0.42	170.81	3699.93	6.39	-1.54	9.36	0.52	9.48	99.35
3800.00	0.51	151.84	3799.92	7.17	-2.30	9.62	0.18	9.89	103.41
3900.00	0.66	188.12	3899.92	8.05	-3.26	9.75	0.39	10.28	108.47
4000.00	0.88	167.74	3999.91	9.20	-4.58	9.83	0.35	10.85	114.96
4100.00	0.80	176.38	4099.90	10.53	-6.03	10.04	0.15	11.71	120.97
4200.00	1.10	164.05	4199.89	12.05	-7.64	10.35	0.36	12.87	126.45
4300.00	1.18	171.09	4299.87	13.91	-9.59	10.77	0.16	14.42	131.66
4400.00	1.22	164.48	4399.84	15.86	-11.63	11.22	0.14	16.16	136.03
4500.00	1.37	181.78	4499.82	17.86	-13.85	11.46	0.42	17.98	140.38
4600.00	1.24	197.33	4599.79	19.53	-16.08	11.10	0.38	19.54	145.37
4700.00	0.89	178.85	4699.78	20.88	-17.89	10.80	0.49	20.89	148.88
4800.00	0.79	141.72	4799.77	22.23	-19.20	11.24	0.54	22.25	149.66



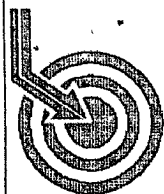
Scientific Drilling International

Survey Report

Company: COG RESOURCES Date: 10/13/2008 Time: 09:38:25 Page: 2
Field: Grayburg Jackson Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Site: Eddy County, NM Vertical (TVD) Reference: SITE 0.0
Well: GJ West Coop #141 Section (VS) Reference: Well (0.00N,0.00E,146.94Azi)
Wellpath: VH - Job #32K0908731 Survey Calculation Method: Minimum Curvature Db: Sybase

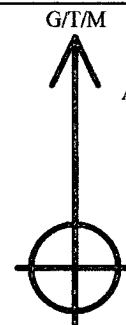
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.64	153.00	4899.76	23.47	-20.24	11.92	0.21	23.49	149.50
5000.00	0.65	163.51	4999.75	24.57	-21.28	12.34	0.12	24.60	149.90
5100.00	0.49	171.42	5099.75	25.50	-22.25	12.56	0.18	25.55	150.55
5200.00	0.88	124.16	5199.74	26.60	-23.10	13.26	0.66	26.64	150.15
5300.00	0.73	123.83	5299.73	27.89	-23.89	14.42	0.15	27.91	148.88
5400.00	0.89	129.95	5399.72	29.22	-24.74	15.55	0.18	29.22	147.85
5454.00	0.86	89.06	5453.72	29.84	-25.01	16.28	1.13	29.84	146.94



Scientific
Drilling

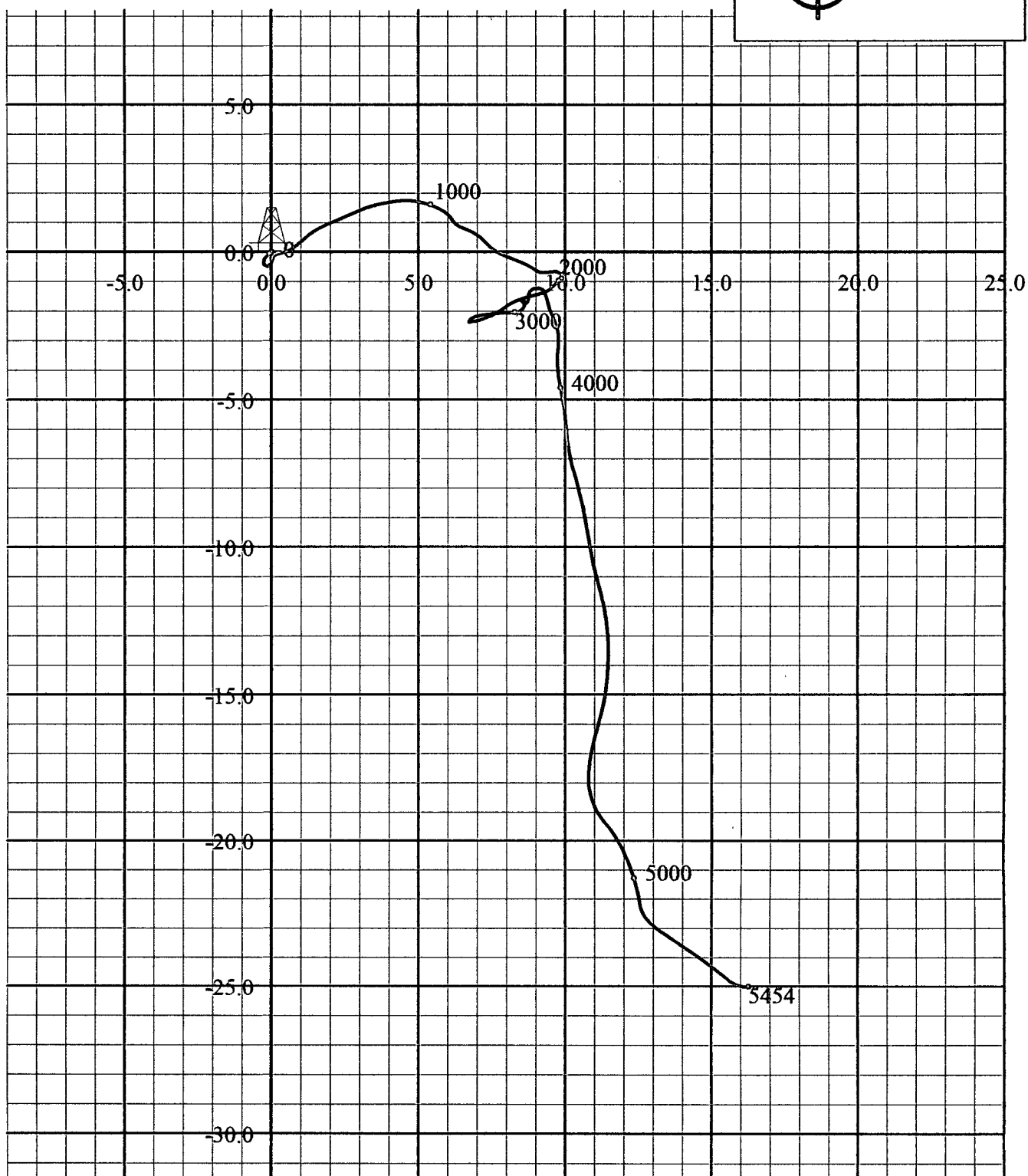
Field: Grayburg Jackson
Site: Eddy County, NM
Well: GJ West Coop #141
Wellpath: VH - Job #32K0908731
Survey: 09/22/08



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/13/2008
Model: igrf2000

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]