

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	FEB 11 2009 Form C-105 Revised June 10, 2003 WELL API NO. 30-015-26103 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. 89								
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>E</u> <u>1345</u> Feet From The <u>North</u> Line and <u>25</u> Feet From The <u>West</u> Line Section <u>22</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>										
10 Date Spudded 04/28/89	11. Date T D Reached 12/23/08	12. Date Compl (Ready to Prod.) 01/21/09								
13. Elevations (DF& RKB, RT, GR, etc) 3556 GR		14. Elev. Casinghead								
15 Total Depth 5488	16. Plug Back T D 5410	17 If Multiple Compl How Many Zones?								
18 Intervals Drilled By		Rotary Tools X								
19 Producing Interval(s), of this completion - Top, Bottom, Name 4500 - 5300 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								
8-5/8	24	193								
5-1/2	17	4402								
4	11.3	5488								
24. LINER RECORD										
SIZE	TOP	BOTTOM								
2-7/8										
25. TUBING RECORD										
SIZE	DEPTH SET	PACKER SET								
2-7/8	4139									
26 Perforation record (interval, size, and number) 4500 - 4700 - 2 SPF, 32 holes Open 4800 - 5000 - 2 SPF, 32 holes Open 5100 - 5300 - 2 SPF, 48 holes Open										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">DEPTH INTERVAL</th> <th style="text-align: left;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4500 - 4700</td> <td>See Attachment</td> </tr> <tr> <td>4800 - 5000</td> <td>See Attachment</td> </tr> <tr> <td>5100 - 5300</td> <td>See Attachment</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4500 - 4700	See Attachment	4800 - 5000	See Attachment	5100 - 5300	See Attachment
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED									
4500 - 4700	See Attachment									
4800 - 5000	See Attachment									
5100 - 5300	See Attachment									
28 PRODUCTION										
Date First Production 01/21/09	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2-1/2" x 2" x 20' RHTC pump									
Well Status (Prod. or Shut-in) Producing										
Date of Test 12/30/08	Hours Tested 24	Choke Size								
Prod'n For Test Period	Oil - Bbl 4	Gas - MCF 25								
Water - Bbl. 16	Gas - Oil Ratio 6250									
Flow Tubing Press 70	Casing Pressure 70	Calculated 24-Hour Rate								
Oil - Bbl	Gas - MCF	Water - Bbl								
Oil Gravity - API - (Corr) 41.0										
29 Disposition of Gas (Sold, used for fuel, vented, etc) SOLD		Test Witnessed By Kent Greenway								
30. List Attachments Logs, C102, C103, Deviation Report										
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 Robyn Odom Title Regulatory Analyst Date 02/03/09 E-mail Address rododom@conchoresources.com 432-685-4385										

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 860	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1750	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2430	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3880	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 3940	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 GA 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

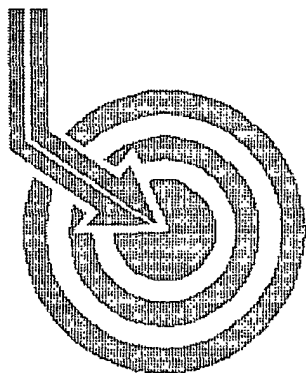
G J WEST COOP UNIT #89
API#: 30-015-26103
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4500 - 4700	Acidize w/60 bbls acid
	Frac w/2,696 bbls gel,
	138,809# sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4800 - 5000	Acidize w/60 bbls acid
	Frac w/3,112 bbls gel,
	163,409# sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5100 - 5300	Acidize w/60 bbls acid
	Frac w/3,141 bbls gel,
	183,274# sand.



Scientific Drilling

COG RESOURCES

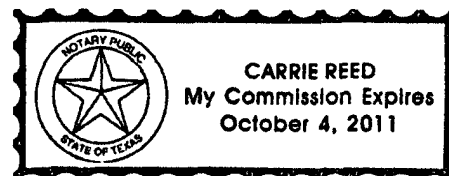
Field: Grayburg Jackson
Site: Eddy County, NM
Well: GJ West Coop #89
Wellpath: VH - Job #32J1108869
Survey: 11/03/08

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

.....*R. Wharton*..... Company Representative

Notorized this date 22nd of December, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: COG RESOURCES	Date: 12/17/2008	Time: 10:38:43	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 #89	Section (VS) Reference:	Well (0.00N,0.00E,219.16Azi)	
Wellpath: VH - Job #32J1108869	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 11/03/08	Start Date: 11/03/2008
Company: Scientific Drilling Internatio	Engineer: Guebara 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	0.27	304.01	100.00	0.02	0.13	-0.20	0.27	0.24	304.01
200.00	0.24	243.67	200.00	0.23	0.17	-0.58	0.26	0.60	286.44
300.00	0.35	192.54	300.00	0.70	-0.22	-0.83	0.27	0.86	255.17
400.00	0.95	118.32	399.99	0.81	-0.91	-0.17	0.92	0.93	190.49
500.00	1.25	103.81	499.97	0.19	-1.57	1.62	0.41	2.25	134.02
600.00	1.47	92.80	599.95	-1.04	-1.89	3.96	0.34	4.39	115.49
700.00	1.56	89.61	699.91	-2.66	-1.94	6.60	0.12	6.88	106.39
800.00	1.41	86.32	799.88	-4.37	-1.85	9.19	0.17	9.38	101.40
900.00	0.97	84.06	899.86	-5.80	-1.69	11.26	0.44	11.39	98.52
1000.00	0.71	75.43	999.84	-6.90	-1.44	12.70	0.29	12.78	96.48
1100.00	0.27	76.19	1099.84	-7.59	-1.23	13.53	0.44	13.59	95.20
1200.00	0.27	240.01	1199.84	-7.56	-1.29	13.56	0.53	13.62	95.45
1300.00	0.32	220.85	1299.84	-7.06	-1.62	13.17	0.11	13.27	97.02
1400.00	0.28	245.72	1399.84	-6.56	-1.93	12.76	0.13	12.91	98.61
1500.00	0.52	249.62	1499.83	-5.95	-2.19	12.12	0.24	12.31	100.26
1600.00	0.55	244.77	1599.83	-5.13	-2.55	11.26	0.05	11.54	102.79
1700.00	0.87	262.66	1699.82	-4.14	-2.86	10.07	0.39	10.47	105.84
1800.00	1.07	258.99	1799.81	-2.88	-3.13	8.40	0.21	8.96	110.45
1900.00	1.18	260.84	1899.79	-1.39	-3.47	6.47	0.12	7.34	118.24
2000.00	1.40	256.57	1999.76	0.35	-3.92	4.26	0.24	5.79	132.62
2100.00	1.57	254.33	2099.73	2.44	-4.58	1.75	0.18	4.90	159.02
2200.00	1.53	256.73	2199.69	4.62	-5.25	-0.86	0.08	5.32	189.34
2300.00	1.50	256.42	2299.66	6.72	-5.87	-3.44	0.03	6.80	210.36
2400.00	1.30	253.85	2399.63	8.69	-6.49	-5.80	0.21	8.70	221.78
2500.00	1.19	251.78	2499.61	10.50	-7.13	-7.87	0.12	10.62	227.84
2600.00	1.16	236.91	2599.58	12.34	-8.01	-9.71	0.31	12.58	230.49
2700.00	0.94	235.82	2699.57	14.09	-9.02	-11.23	0.22	14.41	231.24
2800.00	0.88	241.93	2799.55	15.58	-9.84	-12.59	0.11	15.98	231.99
2900.00	0.78	244.65	2899.54	16.90	-10.49	-13.88	0.11	17.40	232.91
3000.00	0.74	219.41	2999.54	18.16	-11.28	-14.91	0.33	18.70	232.88
3100.00	1.26	226.49	3099.52	19.90	-12.54	-16.12	0.53	20.42	232.11
3200.00	1.24	219.83	3199.50	22.07	-14.13	-17.61	0.15	22.57	231.25
3300.00	1.31	221.95	3299.47	24.30	-15.81	-19.06	0.08	24.77	230.33
3400.00	1.18	224.39	3399.45	26.46	-17.40	-20.55	0.14	26.92	229.75
3500.00	0.81	217.15	3499.43	28.20	-18.69	-21.69	0.39	28.64	229.25
3600.00	0.90	218.66	3599.42	29.69	-19.87	-22.61	0.09	30.10	228.69
3700.00	0.66	205.93	3699.41	31.03	-21.00	-23.35	0.29	31.41	228.04
3800.00	0.60	213.95	3799.41	32.12	-21.95	-23.90	0.11	32.45	227.43
3900.00	0.82	200.56	3899.40	33.31	-23.06	-24.44	0.27	33.60	226.67
4000.00	0.92	230.56	3999.39	34.78	-24.24	-25.31	0.46	35.05	226.24
4100.00	0.70	244.09	4099.38	36.12	-25.02	-26.48	0.29	36.43	226.63
4200.00	1.03	242.30	4199.37	37.50	-25.70	-27.83	0.33	37.88	227.28
4300.00	0.88	246.31	4299.35	39.01	-26.43	-29.33	0.16	39.48	227.98
4400.00	0.45	263.67	4399.35	39.97	-26.78	-30.42	0.47	40.53	228.64
4500.00	0.81	244.43	4499.34	40.89	-27.13	-31.45	0.41	41.53	229.22
4600.00	0.73	218.50	4599.33	42.17	-27.93	-32.48	0.35	42.84	229.31
4700.00	0.56	236.71	4699.32	43.27	-28.70	-33.29	0.26	43.95	229.24
4800.00	0.66	215.76	4799.32	44.31	-29.43	-34.03	0.24	45.00	229.15



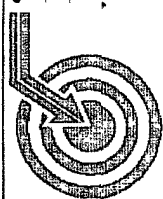
Scientific Drilling International

Survey Report

Company: COG RESOURCES Date: 12/17/2008 Time: 10:38:43 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 #89 Section (VS) Reference: Well (0.00N,0.00E,219.16Azi)
Wellpath: VH - Job #32J1108869 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	0.79	187.67	4899.31	45.48	-30.58	-34.46	0.37	46.08	228.41
5000.00	0.55	167.34	4999.30	46.36	-31.74	-34.45	0.33	46.84	227.35
5100.00	1.01	166.21	5099.29	47.19	-33.06	-34.13	0.46	47.52	225.92
5200.00	0.93	159.41	5199.28	48.13	-34.68	-33.64	0.14	48.31	224.13
5300.00	1.15	155.62	5299.26	48.98	-36.35	-32.94	0.23	49.05	222.18
5400.00	1.45	142.62	5399.24	49.73	-38.27	-31.76	0.42	49.73	219.69
5419.00	1.42	148.25	5418.23	49.86	-38.66	-31.49	0.76	49.86	219.16



**Scientific
Drilling**

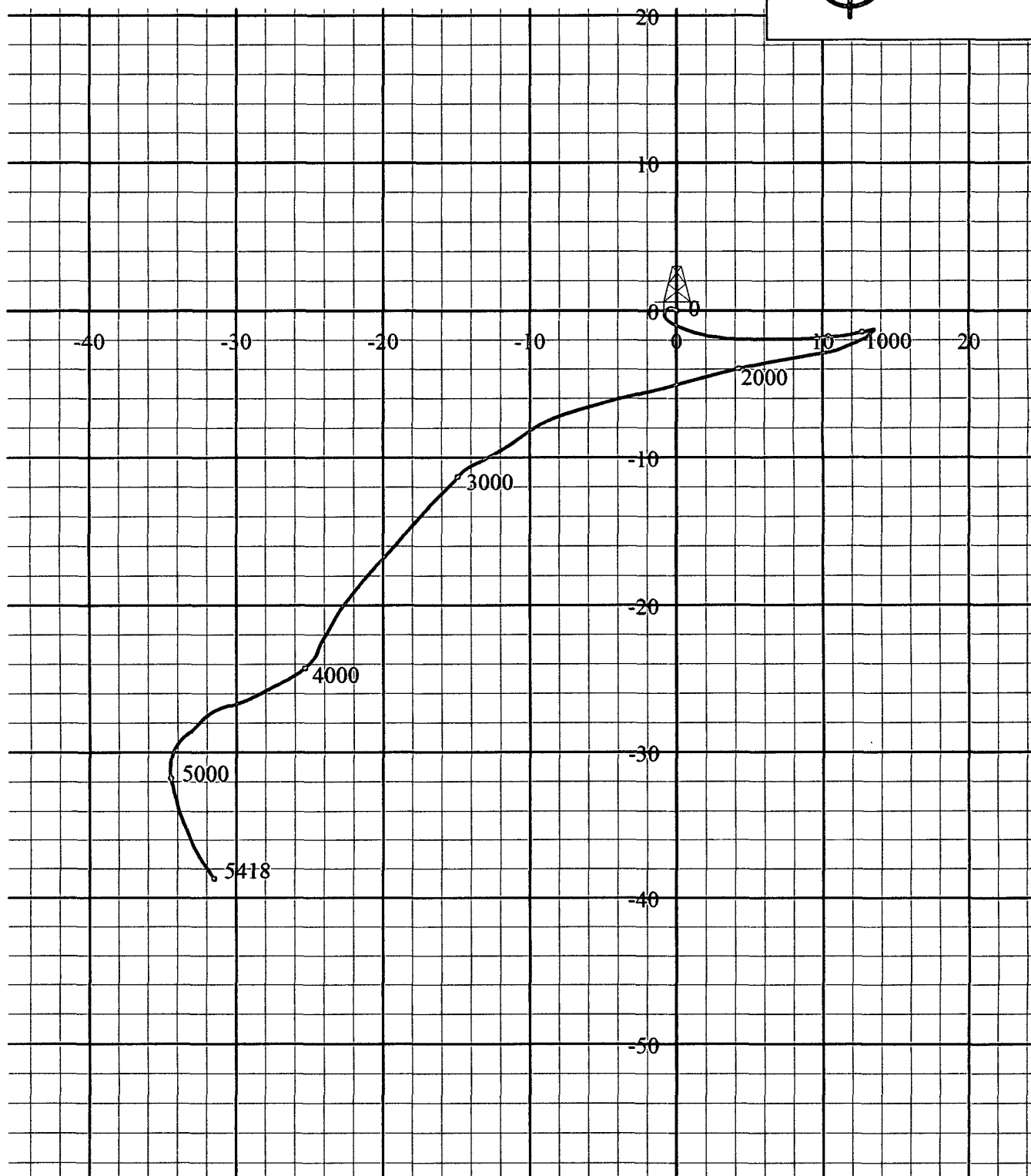
Field: Grayburg Jackson
Site: Eddy County, NM
Well: GJ West Coop #89
Wellpath: VH - Job #32J1108869
Survey: 11/03/08



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/17/2008
Model: igrf2000

South(-)/North(+) [10ft/in]



West(-)/East(+) [10ft/in]