

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

JAN 11 2010

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		8. Well Name and No. A B GEREN 6B
2. Name of Operator KOCH EXPLORATION COMPANY		9. API Well No. 30-045-35022-00-X1
3a. Address AZTEC, NM 87410		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
3b. Phone No. (include area code) Ph: 505-334-9111 Fx: 505-334-1688		11. County or Parish, and State SAN JUAN COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T29N R9W SENE 1707FNL 666FEL 36.69899 N Lat, 107.79582 W Lon		

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Acidize
☒ Subsequent Report	☐ Deepen
☐ Final Abandonment Notice	☐ Fracture Treat
	☐ Production (Start/Resume)
	☐ Reclamation
	☐ Recomplete
	☐ Temporarily Abandon
	☐ Water Disposal
	☐ Water Shut-Off
	☐ Well Integrity
	☒ Other Drilling Operations

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

During drilling, one of the Deviation Surveys was recorded at 5 3/4 degrees. Since this location is close to the boundary lines, on 12/29/09 we ran a Gyro tool to determine the bottom hole location (BHL). Based on the Gyro data the calculated BHL is 1761' FNL & 694' FEL @ TD (2200'), with the Surface location @ 1707' FNL & 666' FEL, the data shows we are within the 660' offset to boundary lines, and demonstrate and approved location.

RCVD JAN 12 '10
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct. Electronic Submission #79671 verified by the BLM Well Information System For KOCH EXPLORATION COMPANY, sent to the Farmington Committed to AFMSS for processing by TROY SALYERS on 01/11/2010 (10TLS0030SE)	
Name (Printed/Typed) DARLENE TADLOCK	Title FIELD ADMINISTRATIVE TECHNICIA
Signature (Electronic Submission)	Date 01/07/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	TROY SALYERS Title PETROLEUM ENGINEER	Date 01/11/2009
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD



Scientific Drilling

Gyroscopic Survey Report for KOCH Exploration

Well Location	SEC 29-T29N-R9W
Well Name	A.B. Geren 6B
Rig Name	MESA 202
Survey Date	12/29/2009
Latitude	36.70 deg
North Reference	True North
Grid Correction	0.00 deg
Depth Reference	RKB-11ft
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 206.80Azim (deg)
Definitive Survey	Outrun 100
Operator	C.CLIFTON

Comments

Survey from 100' to 2132' in 4' Casing
RKB-11ft



Survey Report

Well Name: A.B. Geren 6B

Survey: Outrun 100

Survey Date: 12/29/2009

MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.43	58.32	100.00	-0.32	0.20	0.32	0.43	0.37	58.32
200.00	0.54	71.40	200.00	-0.98	0.54	1.09	0.16	1.21	63.37
300.00	0.55	73.57	299.99	-1.64	0.83	1.99	0.02	2.16	67.37
400.00	0.60	77.39	399.99	-2.30	1.08	2.96	0.07	3.15	69.97
500.00	0.72	99.97	499.98	-2.81	1.08	4.09	0.28	4.23	75.15
600.00	0.64	129.34	599.97	-2.87	0.62	5.14	0.35	5.18	83.10
700.00	0.58	145.24	699.97	-2.51	-0.15	5.86	0.18	5.86	91.42
800.00	0.65	164.79	799.96	-1.85	-1.11	6.30	0.22	6.40	99.99
900.00	0.80	180.28	899.95	-0.80	-2.36	6.44	0.24	6.86	110.08
1000.00	0.90	173.68	999.94	0.48	-3.83	6.53	0.14	7.57	120.42
1100.00	1.38	171.97	1099.92	2.13	-5.81	6.78	0.48	8.93	130.57
1200.00	1.64	185.64	1199.89	4.45	-8.43	6.81	0.45	10.84	141.07
1300.00	1.79	205.63	1299.84	7.35	-11.27	5.99	0.61	12.76	151.99
1400.00	1.99	212.40	1399.79	10.64	-14.14	4.39	0.30	14.80	162.75
1500.00	2.16	218.08	1499.72	14.21	-17.08	2.30	0.27	17.24	172.33
1600.00	2.64	228.87	1599.64	18.20	-20.08	-0.60	0.66	20.09	181.71
1700.00	2.98	229.49	1699.52	22.73	-23.29	-4.31	0.34	23.69	190.49
1800.00	3.48	223.47	1799.36	28.04	-27.18	-8.38	0.60	28.44	197.13
1900.00	4.36	218.94	1899.12	34.65	-32.33	-12.85	0.93	34.79	201.67
2000.00	4.90	216.37	1998.80	42.57	-38.72	-17.77	0.58	42.60	204.65
2100.00	5.12	213.99	2098.42	51.21	-45.86	-22.79	0.30	51.21	206.43
2132.00	5.39	212.85	2130.28	54.12	-48.30	-24.40	0.92	54.12	206.80



Scientific Drilling

Survey Report

Well Name: A B. Geren 6B

Survey: Outrun 100

Survey Date: 12/29/2009

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.43	58.32	100.00	-0.32	0.20	0.32	0.43	0.37	58.32
200.00	0.54	71.40	200.00	-0.98	0.54	1.09	0.16	1.21	63.37
300.00	0.55	73.57	299.99	-1.64	0.83	1.99	0.02	2.16	67.37
400.00	0.60	77.39	399.99	-2.30	1.08	2.96	0.07	3.15	69.97
500.00	0.72	99.97	499.98	-2.81	1.08	4.09	0.28	4.23	75.15
600.00	0.64	129.34	599.97	-2.87	0.62	5.14	0.35	5.18	83.10
700.00	0.58	145.24	699.97	-2.51	-0.15	5.86	0.18	5.86	91.42
800.00	0.65	164.79	799.96	-1.85	-1.11	6.30	0.22	6.40	99.99
900.00	0.80	180.28	899.95	-0.80	-2.36	6.44	0.24	6.86	110.08
1000.00	0.90	173.68	999.94	0.48	-3.83	6.53	0.14	7.57	120.42
1100.00	1.38	171.97	1099.92	2.13	-5.81	6.78	0.48	8.93	130.57
1200.00	1.64	185.64	1199.89	4.45	-8.43	6.81	0.45	10.84	141.07
1300.00	1.79	205.63	1299.84	7.35	-11.27	5.99	0.61	12.76	151.99
1400.00	1.99	212.40	1399.79	10.64	-14.14	4.39	0.30	14.80	162.75
1500.00	2.16	218.08	1499.72	14.21	-17.08	2.30	0.27	17.24	172.33
1600.00	2.64	228.87	1599.64	18.20	-20.08	-0.60	0.66	20.09	181.71
1700.00	2.98	229.49	1699.52	22.73	-23.29	-4.31	0.34	23.69	190.49
1800.00	3.48	223.47	1799.36	28.04	-27.18	-8.38	0.60	28.44	197.13
1900.00	4.36	218.94	1899.12	34.65	-32.33	-12.85	0.93	34.79	201.67
2000.00	4.90	216.37	1998.80	42.57	-38.72	-17.77	0.58	42.60	204.65
2100.00	5.12	213.99	2098.42	51.21	-45.86	-22.79	0.30	51.21	206.43
2132.00	5.39	212.85	2130.28	54.12	-48.30	-24.40	0.92	54.12	206.80
2200.00	5.39	212.85	2197.98		-53.67	-27.86			

Surf Loc: 1707' FNL : 666' FEL

BHL @ 2132' : 1755' FNL : 690' FEL

EST BHL @ TD (2200') : 1761' FNL : 694' FEL