

36 015 35316



Washington

Regulatory and Environmental Services
(an affiliate of Washington TRU Solutions LLC)

OCT 30 2007
OCD-ARTESIA

WRES:07:608
UFC:5486.00

October 29, 2007

Mr. Bryan Arrant, Geologist
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division, District 2
1301 West Grand Avenue
Artesia, New Mexico 88210

Subject: JOINT POWERS AGREEMENT ON MANAGEMENT OF THE WASTE ISOLATION PILOT
PLANT LAND WITHDRAWAL AREA, SECTION 1(G)(1)(A); TRANSMITTAL OF NON-
PROPRIETARY BOREHOLE COMPLETION REPORTS

Dear Mr. Arrant:

Enclosed are copies of daily drill reports for recently completed boreholes with surface locations within 330 feet of the Waste Isolation Pilot Plant (WIPP) Land Withdrawal Area (WLWA) boundary. The name of the wells are ~~GEOGNORMALEX#14~~ completed by Yates Petroleum and North Pure Gold 4 FED 4H and North Pure Gold 4 FED 3 completed by Devon Energy. This information is being transmitted to you per the referenced section in the Joint Powers Agreement because the surface location of these wells are within 330 feet of the WLWA boundary.

Information provided by Yates and Devon Energy for these wells indicate that the WLWA boundary was not penetrated during drilling operations.

With respect to the attached information in the attached reports, neither the U.S. Department of Energy nor its agents, representatives, or contractors makes any warranty, express or implied, concerning the accuracy or completeness of the information. Nor do they assume any legal liability or responsibility for the accuracy, completeness or usefulness of the information or represents that its use would not infringe privately owned rights.

If you have any questions concerning this matter, please contact me at (575) 234-7545.

Sincerely,

A handwritten signature in black ink, appearing to read 'W. M. Wierzbicki'.

W. M. Wierzbicki
Manager

Enclosures

cc: (without enclosures)
V. Daub, CBFO
H. E. Johnson, CBFO
D. C. Moody, CBFO



Yates Daily Drilling Report

Report Date: 9/28/2007

Report #: 41.0

GLOW WORM ALX FEDERAL #14

Day # 15

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number	Drill Bit	Drill Out	Nozzles (1/32")		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A				
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator	Hole Direction	N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Org KB Elev.
					YATES PETROLEUM CORP	VERTICAL	330 0	FNL	330 0	FEL	3,395 00	3,413 00
Jobs												
AFE Number		Total AFE		Tgt Depth (ftKB)	Target Formation		Bottom Hole Legal Location			Drill Hrs		
071990		2,021,000 00		8,200 0	BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A			204 00		
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date						
144,303 00		929,737 00				8,220 00						
Day No	Report End Date	Formation		Lithology		Present Operations						
15	9/28/2007 05 59	BONE SPRINGS		30% SHALE 70% LIME		RIG DOWN						
Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)				
8,290 0		8,290 0		0 00								
Hole Direction: VERTICAL - Original Hole, 9/28/2007 5.59' 0 ftKB (MD) Schematic - Actual												
Remarks												
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare				
Mud Checks												
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM				
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH		
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)						
Comment												
Time Log												
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment					
06 00	2 00	08 00	2 00	LOGGING			RD LOGGERS					
08 00	6 50	14 30	8 50	RUN CASING			RU CASERS / HOLD SAFETY MEETING W/ CASERS / RUN 197 JTS 5 1/2 15 50# & 17# CASING TO 8290'					
14 30	1 50	16 00	10 00	RIG UP CEMENTER AND CIRCULATE			RU CEMENTERS / RD CASERS CIRCULATE CASING / HOLD SAFETY MEETING W/ CEMENTERS					
16 00	1 00	17 00	11 00	CEMENTING			CEMENT 1 ST STG W/ 525 SXS PVL W/ ADD / BUMP PLUG TO 1300# / CHECK FLOATS - OK / DROP BOMB					
17 00	1 50	18 30	12 50	CEMENTING			SET INFLATABLE PACKER / OPEN DV TOOL / CIRC 99 SXS OFF TOOL / WHILE WAITING ON BOMB TO FALL ENCOUNTERED SMALL WATER FLOW AFTER DROPPING BOMB					
18 30	1 75	20 15	14 25	CEMENTING			CEMENT 2ND STG W/ 150 BBL N2 MUD / 450 SXS LITE CRETE W/ ADD / 200 SXS PVL W/ ADD / TOOL CLOSED W/ 2700# PSI / CIRC 40 SXS TO PIT / NO FLOW / ANNULAR DEAD					
20 15	2 50	22 45	16 75	NIPPLE UP/DOWN BOP STACK			NIPPLE DOWN BOP					
22 45	1 00	23 45	17 75	CUT OFF CASING/WELD ON WELLHEAD			CUTOFF CASING SET SLIPS W/ 100K					
23 45	2 00	01 45	19 75	JET PITS			RIG RELEASED @ 1 45 AM MST 9/28/07					
01 45	4 25	06 00	24 00	RIG DOWN			RIG SCHEDULED TO MOVE ON SUNDAY 9/30/07					
Daily Costs												
Cost Description		Cost Details		Cost	Vendor							
Drilling, Daywork				13,600 00	SILVER OAK DRILLING							
Drilling Water, Fasline Rental		Water Hauling		800 00	AMERICAN SAFETY							
Supervision & Overhead - Drilling				1,000 00	YPC							
Supervision & Overhead - Drilling		Trailer Rental		65 00	CHARLIE'S ROUSTABOUT SERVICE							
Supervision & Overhead - Drilling		Communication		190 00	PASON							
Tools&Equip Rntl.Trkg.&Welding-Drilling		Safety Equipment		75 00	AMERICAN SAFETY							
Cementing - Production Casing				4,200 00	ALLEN'S CASING							
Casing		Casing Crews		3,546 00	ALLEN'S CASING							

Conductor, 18-58

Original Hole, 26, 18-58 Conductor, 20, 18, 40.0

Original Hole, 17 1/2, 58-552

Surface, 18-552

Surface, 13 3/8, 18, 534 0

Original Hole, 11, 552-4,047

Intermediate, 18-4,047

Intermediate, 8 5/8, 18, 4,029.0

Production, 18-5,888

Original Hole, 7 7/8, 4,047-8,290

Production, 5 1/2, 18, 8,272 0 TD, 8,290, 9/21/2007



Notes Daily Drilling Report

Report Date: 9/28/2007

Report #: 41.0

GLOW WORM ALX FEDERAL #14

Day # 15

Daily Costs	
Cost Description	Cost Details
Electric Logs & Tape Copies	45,600.00 SCHLUMBERGER WIRELINE & TESTING
Cementing - Production Casing	72,632.00 DOWELL SCHLUMBERGER
Christmas Tree & Well Head	2,595.00 WOOD GROUP

Daily Contacts			
Job Contact	Company	Phone Mobile	
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340	
TERRY DOSHER, DRILLING CONSULTANT	RGI	505-399-8285	
EDWARD CHAVEZ, TOOLPUSHER	SILVER OAK	505-513-1314	
RIG FLOOR - 6, RIG PHONE	SILVER OAK	505-513-2114	
MARGRETHE HOTTER, ENGINEER	YATES	505-703-0749	
RAY PODANY, GEOLOGIST	YATES	505-365-4190	
JANET RICHARDSON, LANDMAN	YATES		

Rigs			
Rig Contractor	Rig Number	KB from GL (ft)	Rig Type
SILVER OAK DRILLING COMPANY	6	18.00	Drilling - Triple

Mud Pumps - 1					
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/17/2007 00:00	Gardner-Denver	PZ-9	800.0	2 1/2
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bbl/s)	
5 1/2	4/17/2007 00:00	4/20/2008 00:00		0.066	

Mud Pumps - 2					
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
2	4/17/2007 00:00	Gardner-Denver	PZ-9	800.0	2 1/2
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bbl/s)	
5 1/2	4/17/2007 00:00	4/20/2008 00:00		0.066	

Safety Checks			
Date	Description	Type	Comment
9/27/2007 09:00		Safety Meeting	SAFETY MEETING W/ LDM & CASERS
9/27/2007 16:00		Safety Meeting	SAFETY MEETING W/ CEMENTERS

Mud Additive Amounts			
Description	Type	Consumed	Units

Casing Strings					
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	9/10/2007 16:00	18.0	58.0	20	19.124
Surface	9/13/2007 21:00	18.0	552.0	13 3/8	12.715
Intermediate	9/19/2007 02:30	18.0	4,047.0	8 5/8	8.097
Production	9/27/2007 08:00	18.0	8,290.0	5 1/2	4.950

General - Rig- Original Hole				
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00:00

Survey Data			
Date	Description	Measured Depth (ftKB)	Inclination (°)
	General - Rig		

Hole Direction VERTICAL - Original Hole, 9/28/2007 5:59:00
ftKB (MD) Schematic - Actual

Conductor, 18-58
Surface, 18-552
Intermediate, 18-4,047
Production, 18-5,888

Original Hole, 26, 18-58 Conductor, 20, 18, 40.0
Original Hole, 17 1/2, 58-552
Original Hole, 3/8, 18, 534.0
Original Hole, 11, 552-4,047
Intermediate, 8 5/8, 18, 4,029.0
Original Hole, 7 7/8, 4,047-8,290
Production, 5 1/2, 18, 8,272.0 TO, 8,290, 9/21/2007



Yates Daily Drilling Report

Report Date: 9/27/2007

GLOW WORM ALX FEDERAL #14

Report #: 40.0

Day # 14

Bit Record						API/JWI		County		State		Surface Legal Location							
Bit Number	Drill Bit	Dull Out	Nozzles (32")	3001535316		EDDY		NEW		SEC 4/TWN 23S/RNG 31E/UNT A									
5	Bit # 5 - 7 7/8, FH43Y, PG7175	0-0---	14/14/14	Operator		Hole Direction		N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev						
7,590 0	8,290 0	700 00	27 50	YATES PETROLEUM CORP		VERTICAL		330.0	FNL	330 0	FEL	3,395 00	3,413 00						
Jobs																			
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location						Drill Hrs					
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A						204 00					
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date													
123,400 00		785,434 00				8,220 00													
Day No		Report End Date		Formation		Lithology		Present Operations											
14		9/27/2007 05 59		BONE SPRINGS		30% SHALE 70% LIMESTONE		LOGGING											
Hole Direction: VERTICAL - Original Hole, 9/27/2007 5 59:0		Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)									
ftKB (MD)		8,290 0		8,270 0		20 00		2 50		8 0									
Remarks																			
Avg Background Gas (unit)														Max Background Gas (unit)		Avg Connection Gas (unit)		Max Connection Gas (unit)	
35 00														50 00		110.00			
Avg Trip Gas (unit)														Max Trip Gas (unit)		Flare			
Mud Checks																			
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM											
8 90		70,000				0 2													
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft²)		Gel 10 sec (lb/100ft²)		Gel 10 min (lb/100ft²)		pH									
29										10.5									
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)													
Comment																			
Time Log																			
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment					
06:00		2 50		08:30		2 50		DRILLING		8,270 0		8,290 0		TD WELL @ 8:30 AM MST 9-26-07 / NOTIFIED BLM - CARLSBAD OF PRESENT OPERATIONS					
08:30		1 50		10:00		4 00		PUMP SWEEP AROUND		8,290 0				PREP HOLE F/ LOGS - DROP TOTCO / 1 3/4" @ 8290'					
10:00		6 50		16:30		10.50		LAY DOWN DRILL STRING						RU LDM / HOLD SAFETY MEETING W/ LDM / LAYDOWN COLLARS / BREAK KELLY					
16:30		13 50		06:00		24.00		LOGGING						RD LDM / RU LOGGERS / HOLD SAFETY MEETING / LOGS ON BOTTOM @ 8:30 PM MST 9/26/07 / LOGGERS DEPTH @ 8290'					
Daily Costs																			
Cost Description		Cost Details		Cost		Vendor													
Drilling, Daywork				16,500 00		SILVER OAK DRILLING													
Drilling Water, Fasline Rental		Water Hauling		800 00		AMERICAN SAFETY													
Drilling Mud & Additives						BAROID													
Tools&Equip		Down Hole Equip., B O P. Rental		800 00															
Rntl Trkg & Welding-Drilling				1,000 00		YPC													
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE													
Supervision & Overhead - Drilling		Communication		190 00		PASON													
Tools&Equip		Safety Equipment		75 00		AMERICAN SAFETY													
Rntl Trkg & Welding-Drilling																			
Casing		Production		88,200 00		YATES YARD													
Cementing - Production Casing				15,770 00		WEATHERFORD													
Daily Contacts																			
Job Contact		Company		Phone Mobile															
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340															
Job Contact		Company		Phone Mobile															
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285															
Job Contact		Company		Phone Mobile															
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314															
Job Contact		Company		Phone Mobile															
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114															
Job Contact		Company		Phone Mobile															
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749															
Job Contact		Company		Phone Mobile															
RAY PODANY, GEOLOGIST		YATES		505-365-4190															
Job Contact		Company		Phone Mobile															
JANET RICHARDSON, LANDMAN		YATES																	
Rigs																			
Rig Contractor		Rig Number		KB from GL (ft)		Rig Type													
SILVER OAK DRILLING COMPANY		6		18.00		Drilling - Triple													
Mud Pumps - 1																			
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)									
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800.0		2 1/2									
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)											
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0.066											

www.peloton.com

Page 1/2

Report Printed: 9/27/2007



Yates Daily Drilling Report

Report Date: 9/27/2007

GLOW WORM ALX FEDERAL #14

Report #: 40.0

Day # 14

Pump Checks	
Pump Number	Date
1	9/27/2007 05 59
Depth (ftKB)	8,290 0
Slow Spd	No
Strokes (spm)	100
Pressure (psi)	1,025 0

Mud Pumps - 2	
No	Start Date
2	4/17/2007 00 00
Make	Gardner-Denver
Model	PZ-9
Pwr (hp)	800 0
Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2
Start Date	4/17/2007 00 00
End Date	4/20/2008 00 00
Maximum Pressure (psi)	
Vol/Stir - 100% (bbl/s)	0 066

Safety Checks	
Date	Description
9/26/2007 10 00	Safety Meeting
9/26/2007 17 00	Safety Meeting

Mud Additive Amounts	
Description	Type
Impermex	Water Loss
Consumed	7 0
Units	sacks

Drill Strings: BHA #15, Pendulum	
Drill Bit	Depth In (ftKB)
5	8,270 0
Depth Out (ftKB)	8,290 0
Drilled (ft)	20 00
Drill Time (hrs)	2 50
BHA ROP (ft/hr)	8 0
String Length (ft)	8,261 19
String Wt (1000lb)	165
OD (in)	7 875
ADC: Bit Drill	0-0--0-0--TD
TFA (in ²)	
Nozzles (3/32")	14/14/14

Drill Form - Drilling Parameters 8,270.0 ftKB - 8,290.0 ftKB -	
WOB (1000lb)	RPM (rpm)
35	60
Motor R	Bit RPM
	60
SPP (psi)	Q (flow) (g)
1,025 0	400
Rot String Wt (100)	PU Str Wt (100)
163	167
SO Str Wt (100)	157

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lb/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3 826	X95	16 60		7,846 00	249
Drill Collar	6 1/4	2 500		87 36		336 45	11
Reamer - 3 Pt	7 7/8	2 500				6 64	1
Drill Collar	6 1/4	2 500		87 36		30 48	1
Reamer - 3 Pt	7 7/8	2 500				6 82	1
Drill Collar	6 1/4	2 500		87 36		31 00	1
Bit Sub	6 1/4	2 500				2 80	1

Casing Strings	
Casing Description	Run Date
Conductor	9/10/2007 16 00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	58 0
OD (in)	20
ID (in)	19 124
Casing Description	Surface
Run Date	9/13/2007 21 00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	552 0
OD (in)	13 3/8
ID (in)	12 715
Casing Description	Intermediate
Run Date	9/19/2007 02 30
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	4,047 0
OD (in)	8 5/8
ID (in)	8 097

General - Rig- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00

Survey Data	
Date	Description
9/26/2007 10 00 00 AM	General - Rig
Measured Depth (ftKB)	Inclination (°)
8,290 00	1 75
Azimuth (°)	0 00

Hole Direction: VERTICAL - Original Hole, 9/27/2007 5.59:00

ftKB (MD) Schematic - Actual

Original Hole, 26, 18-58 Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

Original Hole, 11, 552-4,047

Original Hole, 7 7/8, 4,047-8,290

TD, 8,290, 9/21/2007



Yates Daily Drilling Report

Report Date: 9/26/2007

GLOW WORM ALX FEDERAL #14

Report #: 39.0

Day # 13

Bit Record					API/UWI		County		State		Surface Legal Location										
Bit Number	Drill Bit	Dull Out	Nozzles (3/32")	3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A											
5	Bit # 5 - 7 7/8, FH43Y, PG7175	-----	14/14/14	Operator		Hole Direction		N/S Dist		E/W Dist		Gr Elev (ft)		Orig KB Elev							
7,590 0	7,590 0	680 00	25 00	YATES PETROLEUM CORP		VERTICAL		330 0		FNL		330 0		3,395 00							
Jobs																					
AFE Number		Total AFE		Tgt Depth (ft)		Target Formation		Bottom Hole Legal Location				Drill Hrs									
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A				201 50									
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date															
22,630 00		662,034 00				8,220 00															
Day No		Report End Date		Formation		Lithology		Present Operations													
13		9/26/2007 05 59		BONE SPRINGS		30% SHALE 70% LIME		DRILLING													
Depth End (ft)		Depth Start (ft)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)													
8,270 0		7,650 0		620 00		22 50		27 6													
Hole Direction: VERTICAL - Original Hole, 9/26/2007 5:59.0... Remarks																					
Schematic - Actual																					
Remarks																					
Avg Background Gas (unit)																Max Background Gas (unit)		Avg Connection Gas (unit)		Max Connection Gas (unit)	
35 00																50 00		110 00			
Avg Trip Gas (unit)																Max Trip Gas (unit)		Flare			
Mud Checks																					
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM													
8 90		60,000				1 0															
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft)		Gel 10 sec (lb/100ft)		Gel 10 min (lb/100ft)		pH											
30				1 000		1 000		1 000		11 0											
Water Loss (mL/30min)		Filter Cake (3/32")		KCI (%)		Percent Oil (%)															
17 0																					
Time Log																					
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)		Comment							
06:00		1 75		07 45		1 75		DRILLING		7,650 0		7,740 0									
07 45		0 50		08 15		2 25		SERVICE RIG		7,740 0											
08 15		0 50		08 45		2 75		SURVEY - WIRELINE						1 1/2" @ 7699'							
08 45		10 25		19 00		13 00		DRILLING		7,740 0		8,021 0									
19 00		0 50		19 30		13 50		SURVEY - WIRELINE		8,021 0				1 1/2" @ 7980'							
19 30		10 50		06 00		24 00		DRILLING		8,021 0		8,270 0									
Daily Costs																					
Cost Description		Cost Details		Cost		Vendor															
Drilling, Daywork				16,500 00		SILVER OAK DRILLING															
Drilling Water, Fasline Rental		Water Hauling				AMERICAN SAFETY															
Drilling Mud & Additives						BAROID															
Tools&Equip Rntl Trkg & Welding-Dnllng		Down Hole Equip ,B O P Rental		800 00																	
Supervision & Overhead - Drilling				1,000 00		YPC															
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE															
Supervision & Overhead - Drilling		Communication		190 00		PASON															
Tools&Equip Rntl Trkg & Welding-Dnllng		Safety Equipment		75 00		AMERICAN SAFETY															
Mud Logging Unit, Sample Bags				4,000.00		MORECO															
Daily Contacts																					
Job Contact		Company		Phone Mobile																	
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340																	
Job Contact		Company		Phone Mobile																	
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285																	
Job Contact		Company		Phone Mobile																	
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314																	
Job Contact		Company		Phone Mobile																	
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114																	
Job Contact		Company		Phone Mobile																	
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749																	
Job Contact		Company		Phone Mobile																	
RAY PODANY, GEOLOGIST		YATES		505-365-4190																	
Job Contact		Company		Phone Mobile																	
JANET RICHARDSON, LANDMAN		YATES																			
Rigs																					
Rig Contractor		Rig Number		KB from GL (ft)		Rig Type															
SILVER OAK DRILLING COMPANY		6		18 00		Drilling - T nple															
Mud Pumps - 1																					
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)											
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800 0		2 1/2											
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)													
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0.066													
Pump Checks																					
Pump Number		Date		Depth (ft)		Slow Spd		Strokes (spm)		Pressure (psi)											
1		9/26/2007 05 59		8,270 0		No		100		1,025 0											
Mud Pumps - 2																					
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)											
2		4/17/2007 00 00		Gardner-Denver		PZ-9		800 0		2 1/2											
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)													
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0.066													
Safety Checks																					
Date		Description		Type		Comment															
9/26/2007		TD, 8,270, 9/21/2007																			



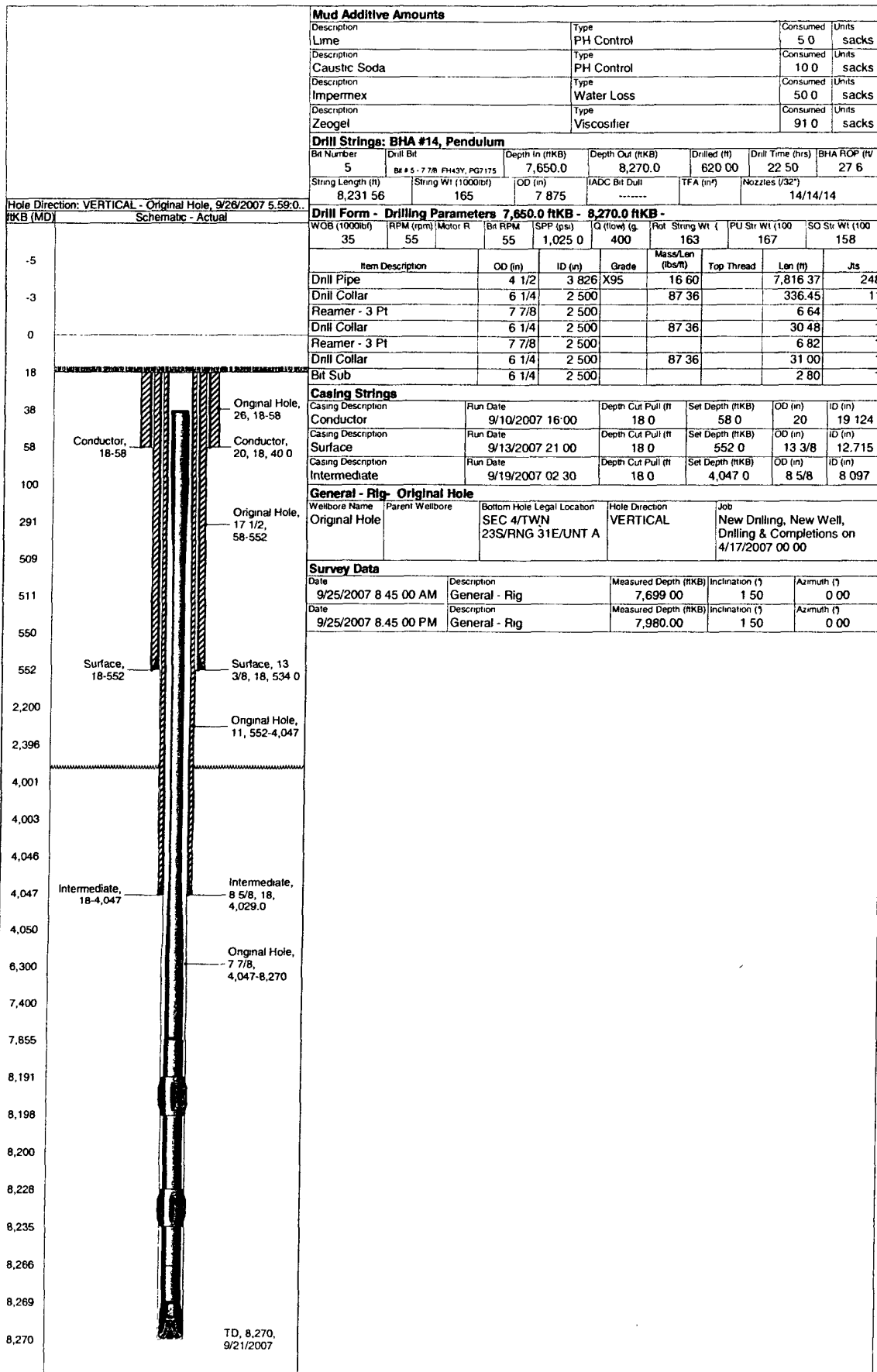
Yates Daily Drilling Report

Report Date: 9/26/2007

GLOW WORM ALX FEDERAL #14

Report #: 39.0

Day # 13





Yates Daily Drilling Report

Report Date: 9/25/2007
Report #: 38.0

GLOW WORM ALX FEDERAL #14

Day # 12

Bit Record					APU/WI	County	State	Surface Legal Location				
Bit Number 4	Drill Bit Bit # 4 - 7 7/8, M1616, JXO888	Dull Out 8-8-B	Nozzles (32") 14/14/14/14/1		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A				
Depth In (ft)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator YATES PETROLEUM CORP	Hole Direction VERTICAL	N/S Dist 330 0	N/S Ref FNL	E/W Dist 330 0	E/W Ref FEL	Gr Elev (ft) 3,395 00	Orig KB Elev 3,413 00
4,047 0	7,590 0	3,543 00	75 25	47 1								
					Jobs							
Bit Number 5	Drill Bit Bit # 5 - 7 7/8, FH43Y, PG7175	Dull Out -----	Nozzles (32") 14/14/14		AFE Number 071990	Total AFE 2,021,000 00	Tgt Depth (ft)	Target Formation	Bottom Hole Legal Location			Drill Hrs
7,590 0	7,650 0	60 00	2 50	24 0	31,176 00	639,404 00	8,200 0	BONE SPRINGS	SEC 4/TWN 23S/RNG 31E/UNT A			179 00
					Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date				
					31,176 00	639,404 00	1,045 00	8,220 00				
					Day No 12	Report End Date 9/25/2007 05 59	Formation BRUSHY CANYON	Lithology 20% SHALE 80% SAND	Present Operations DRILLING			
Hole Direction: VERTICAL - Original Hole, 9/25/2007 5 59:0					Depth End (ft)	Depth Start (ft)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)			
ft (MD)					7,650 0	7,409 0	241 00	10 25	23 5			
Remarks												
Avg Background Gas (ft/min) Max Background Gas (ft/min) Avg Connection Gas (ft/min) Max Connection Gas (ft/min)												
15 00 30 00 50 00												
Avg Trip Gas (ft/min) Max Trip Gas (ft/min) Flare												
Mud Checks												
Weight (lb/gal) Chlorides (ppm) Calcium (ppm) Solids (%) LCM												
8 70 60,000 0 1												
Funnel Viscosity (cp) PV (cp) YP (lb/100ft) Gel 10 sec (lb/100ft) Gel 10 min (lb/100ft) pH												
28 11 0												
Water Loss (ml/30min) Filter Cake (32") KCl (%) Percent Oil (%)												
Comment												
Time Log												
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ft)	Depth End (ft)	Comment					
06 00	2 50	08 30	2 50	DRILLING	7,409 0	7,488 0						
08 30	0 25	08 45	2 75	SERVICE RIG	7,488 0							
08 45	0 50	09 15	3 25	SURVEY - WIRELINE			3/4" @ 7417'					
09 15	5 25	14 30	8 50	DRILLING	7,488 0	7,590 0						
14 30	1 00	15 30	9 50	PUMP SWEEP AROUND	7,590 0		PREP TO TOOH F/ BIT					
15 30	5 50	21 00	15 00	TRIP OUT			LD MOTOR & FOAT SUB					
21 00	5 00	02 00	20 00	TRIP IN			PU TRI CONE BIT					
02 00	1 50	03 30	21 50	REAMING			REAM 60' TO BOTTOM					
03 30	2 50	06 00	24 00	DRILLING	7,590 0	7,650 0						
Daily Costs												
Cost Description		Cost Details		Cost	Vendor							
Drilling, Daywork				16,500 00	SILVER OAK DRILLING							
Drilling Water, Fasline Rental		Water Hauling		1,250 00	AMERICAN SAFETY							
Drilling Mud & Additives				1,045 00	BAROID							
Tools&Equip		Down Hole Equip, B O P Rental		800 00								
Rntl Trkg & Welding-Drilling												
Supervision & Overhead - Drilling				1,000 00	YPC							
Supervision & Overhead - Drilling		Trailer Rental		65 00	CHARLIE'S ROUSTABOUT SERVICE							
Supervision & Overhead - Drilling		Communication		190 00	PASON							
Tools&Equip		Safety Equipment		75 00	AMERICAN SAFETY							
Rntl Trkg & Welding-Drilling												
Tools&Equip		Down Hole Equip, B O P Rental		1,400 00	PATHFINDER							
Rntl Trkg & Welding-Drilling												
Bits, Tool & Supplies Purchase - Drilling				7,250 00	SMITH BITS							
Cementing - Production Casing				1,601 00	CHARLIE'S ROUSTABOUT SERVICE							
Daily Contacts												
Job Contact		Company		Phone Mobile								
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340								
Job Contact		Company		Phone Mobile								
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285								
Job Contact		Company		Phone Mobile								
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314								
Job Contact		Company		Phone Mobile								
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114								
Job Contact		Company		Phone Mobile								
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749								
Job Contact		Company		Phone Mobile								
RAY PODANY, GEOLOGIST		YATES		505-365-4190								
Job Contact		Company		Phone Mobile								
JANET RICHARDSON, LANDMAN		YATES										
Rigs												
Rig Contractor		Rig Number		KB from GL (ft)	Rig Type							
SILVER OAK DRILLING COMPANY		6		18 00	Drilling - Triple							
Mud Pumps - 1												
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)							
1	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2							
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Sr - 100% (bbl/s)								
5 1/2	4/17/2007 00 00	4/20/2008 00 00		0 066								
Pump Checks												
Pump Number	Date	Depth (ft)	Slow Spd	Strokes (spm)	Pressure (psi)							
1	9/25/2007 05 59	7,650 0	No	100	975 0							



Yates Daily Drilling Report

Report Date: 9/25/2007

GLOW WORM ALX FEDERAL #14

Report #: 38.0

Day # 12

Mud Pumps - 2								
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)			
2	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2			
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Stk	100% (bbl/s)			
5 1/2	4/17/2007 00 00	4/20/2008 00 00			0 066			
Safety Checks								
Date	Description	Type	Comment					
Mud Additive Amounts								
Description	Type	Consumed	Units					
Lime	PH Control	3 0	sacks					
Caustic Soda	PH Control	7 0	sacks					
Drill Strings: BHA #12, Pendulum								
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)		
4	Bit # 4 - 7 7/8 M1616 JX0588	7,409 0	7,590 0	181 00	7 75	23 4		
String Length (ft)	String Wt (1000lb)	OD (in)	IADC Bit Dull	TFA (in ²)	Nozzles (1/32")			
7,590 00	151	7 875	8-8-BT-A----PR		14/14/14/14/14			
Drill Form - Drilling Parameters 7,409.0 ftKB - 7,590.0 ftKB -								
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	Q (flow) (g)	Rot String Wt (100)	PU Str Wt (100)	SO Str Wt (100)
25	50	120	170	1,200 0	419	153	158	148
Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts	
Drill Pipe	4 1/2	3 826	X95	16 60		7,174 80	228	
Drill Collar	6 1/4	2 500		87 36		308 85	11	
Reamer - 3 Pt	7 7/8	2 500				6 64	1	
Drill Collar	6 1/4	2 500		87 36		30 46	1	
Reamer - 3 Pt	7 7/8	2 500				6 82	1	
Drill Collar	6 1/4	2 500		87 36		31 00	1	
Float Sub	6 1/4	2 500				1 95	1	
Mud Motor	6 1/4	2 500				28 48	1	
Drill Strings: BHA #13, Pendulum								
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)		
5	Bit # 5 - 7 7/8 FH43Y PG7175	7,590 0	7,650 0	60 00	2 50	24 0		
String Length (ft)	String Wt (1000lb)	OD (in)	IADC Bit Dull	TFA (in ²)	Nozzles (1/32")			
7,650 46	155	7 875	-----		14/14/14			
Drill Form - Drilling Parameters 7,590.0 ftKB - 7,650.0 ftKB -								
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	Q (flow) (g)	Rot String Wt (100)	PU Str Wt (100)	SO Str Wt (100)
35	60	60	60	975 0	400	153	158	148
Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts	
Drill Pipe	4 1/2	3 826	X95	16 60		7,235 27	230	
Drill Collar	6 1/4	2 500		87 36		336 45	11	
Reamer - 3 Pt	7 7/8	2 500				6 64	1	
Drill Collar	6 1/4	2 500		87 36		30 48	1	
Reamer - 3 Pt	7 7/8	2 500				6 82	1	
Drill Collar	6 1/4	2 500		87 36		31 00	1	
Bit Sub	6 1/4	2 500				2 80	1	
Casing Strings								
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Conductor	9/10/2007 16 00	18 0	58 0	20	19 124			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Surface	9/13/2007 21 00	18.0	552 0	13 3/8	12 715			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Intermediate	9/19/2007 02:30	18 0	4,047 0	8 5/8	8 097			
General - Rig - Original Hole								
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job				
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00				
Survey Data								
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/24/2007 8 45 00 AM	General - Rig	7,417 00	0 75	0 00				

Hole Direction: VERTICAL - Original Hole, 9/25/2007 5:59:0.

ftKB (MD) Schematic - Actual

5

18

58

100

291

509

511

550

552

2,200

2,396

4,001

4,003

4,046

4,047

4,050

6,300

7,235

7,400

7,571

7,578

7,608

7,615

7,646

7,649

7,650

8,200

Conductor, 18-58

Original Hole, 26, 18-58

Conductor, 20, 18, 40.0

Original Hole, 17 1/2, 58-552

Surface, 13 3/8, 18, 534 0

Surface, 18-552

Original Hole, 11, 552-4,047

Intermediate, 8 5/8, 18, 4,029 0

Intermediate, 18-4,047

Original Hole, 7 7/8, 4,047-7,650

TD, 7,650, 9/21/2007



Yates Daily Drilling Report

Report Date: 9/24/2007

Report #: 37.0

GLOW WORM ALX FEDERAL #14

Day # 11

Bit Record				API/UWI		County		State		Surface Legal Location			
Bit Number 4	Drill Bit Bit # 4 - 7/8, M1616, JXO888	Dull Out -----	Nozzles (1/32") 14/14/14/14/1..	3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A			
Depth In (ft)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator YATES PETROLEUM CORP.		Hole Direction VERTICAL		N/S Dist 330 0	E/W Dist 330 0	E/W Ref FEL	Gr Elev (ft) 3,395.00	Orig KB Elev 3,413.00
4,047 0	7,409 0	3,362 00	67 50	49 8									
Jobs													
AFE Number 071990		Total AFE 2,021,000 00		Tgt Depth (ftKB) 8,200 0		Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 4/TWN 23S/RNG 31E/UNT A		Drill Hrs 168 75			
Daily Cost Total 21,893.00		Cum Cost To Date 607,028 00		Daily Mud Cost 7,175 00									
Day No 11		Report End Date 9/24/2007 05 59		Formation BRUSHY CANYON		Lithology 30% SHALE 70% SAND		Present Operations DRILLING					
Hole Direction: VERTICAL - Original Hole, 9/24/2007 5.59:0.													
ftKB (MD) Schematic - Actual													
Remarks													
Avg Background Gas (unit) 15 00													
Max Background Gas (unit) 30 00													
Avg Connection Gas (unit) 50 00													
Max Connection Gas (unit)													
Avg Trip Gas (unit)													
Max Trip Gas (unit)													
Flare													
Mud Checks													
Weight (lb/gal) 8 70		Chlorides (ppm) 60,000		Calcium (ppm)		Solids (%) 0.1		LCM					
Funnel Viscosity (cSt) 28		PV (cp)		YP (lb/100ft ³)		Gel 10 sec (lb/100ft ³)		Gel 10 min (lb/100ft ³)		pH 11 0			
Water Loss (mL/30min)		Filter Cake (1/32")		KCl (%)		Percent Oil (%)							
Comment													
Time Log													
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment						
06 00	0 25	06 15	0 25	SURVEY - WIRELINE	6,212.0		1 1/4" @ 6140'						
06 15	4 00	10 15	4 25	DRILLING	6,212.0	6,399 0							
10 15	0 25	10 30	4 50	RIG REPAIR	6,399 0		CHANGE ROTARY CHAIN						
10 30	1 25	11 45	5 75	DRILLING	6,399 0	6,492 0							
11 45	0 25	12 00	6 00	SERVICE RIG	6,492.0								
12 00	0 50	12 30	6 50	SURVEY - WIRELINE			2" @ 6421'						
12 30	4 75	17 15	11 25	DRILLING	6,492 0	6,804 0							
17 15	0 50	17 45	11 75	SURVEY - WIRELINE	6,804 0		1 3/4" @ 6722'						
17 45	5 50	23 15	17 25	DRILLING	6,804 0	7,114 0							
23 15	0 50	23 45	17 75	SURVEY - WIRELINE	7,114 0		3/4" @ 7042'						
23 45	6 25	06 00	24.00	DRILLING	7,114 0	7,409 0							
Daily Costs													
Cost Description		Cost Details		Cost		Vendor							
Drilling, Daywork				16,500 00		SILVER OAK DRILLING							
Drilling Water, Fasline Rental		Water Hauling				AMERICAN SAFETY							
Drilling Mud & Additives						BAROID							
Tools&Equip		Down Hole Equip, B O P Rental		800 00									
Rntl Trkg & Welding-Drilling													
Supervision & Overhead - Drilling				1,000 00		YPC							
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE							
Supervision & Overhead - Drilling		Communication		190.00		PASON							
Tools&Equip		Safety Equipment		75.00		AMERICAN SAFETY							
Rntl Trkg & Welding-Drilling													
Tools&Equip		Down Hole Equip, B O P Rental		3,263 00		PATHFINDER							
Rntl Trkg & Welding-Drilling													
Daily Contacts													
Job Contact		Company		Phone Mobile									
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340									
Job Contact		Company		Phone Mobile									
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285									
Job Contact		Company		Phone Mobile									
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314									
Job Contact		Company		Phone Mobile									
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114									
Job Contact		Company		Phone Mobile									
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749									
Job Contact		Company		Phone Mobile									
RAY PODANY, GEOLOGIST		YATES		505-365-4190									
Job Contact		Company		Phone Mobile									
JANET RICHARDSON, LANDMAN		YATES											
Rigs													
Rig Contractor		Rig Number		KB from GL (ft)		Rig Type							
SILVER OAK DRILLING COMPANY		6		18 00		Drilling - Triple							
Mud Pumps - 1													
No	Start Date	Make		Model		Pwr (hp)	Prod Dia (in)						
1	4/17/2007 00 00	Gardner-Denver		PZ-9		800 0	2 1/2						
Liner Size (in)	Start Date	End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)							
5 1/2	4/17/2007 00 00	4/20/2008 00 00				0 066							
Pump Checks													
Pump Number	Date	Depth (ftKB)		Slow Spd		Strokes (spm)	Pressure (psi)						
1	9/24/2007 05 59	7,409 0		No		105	1,200 0						

TD, 7,409, 9/21/2007



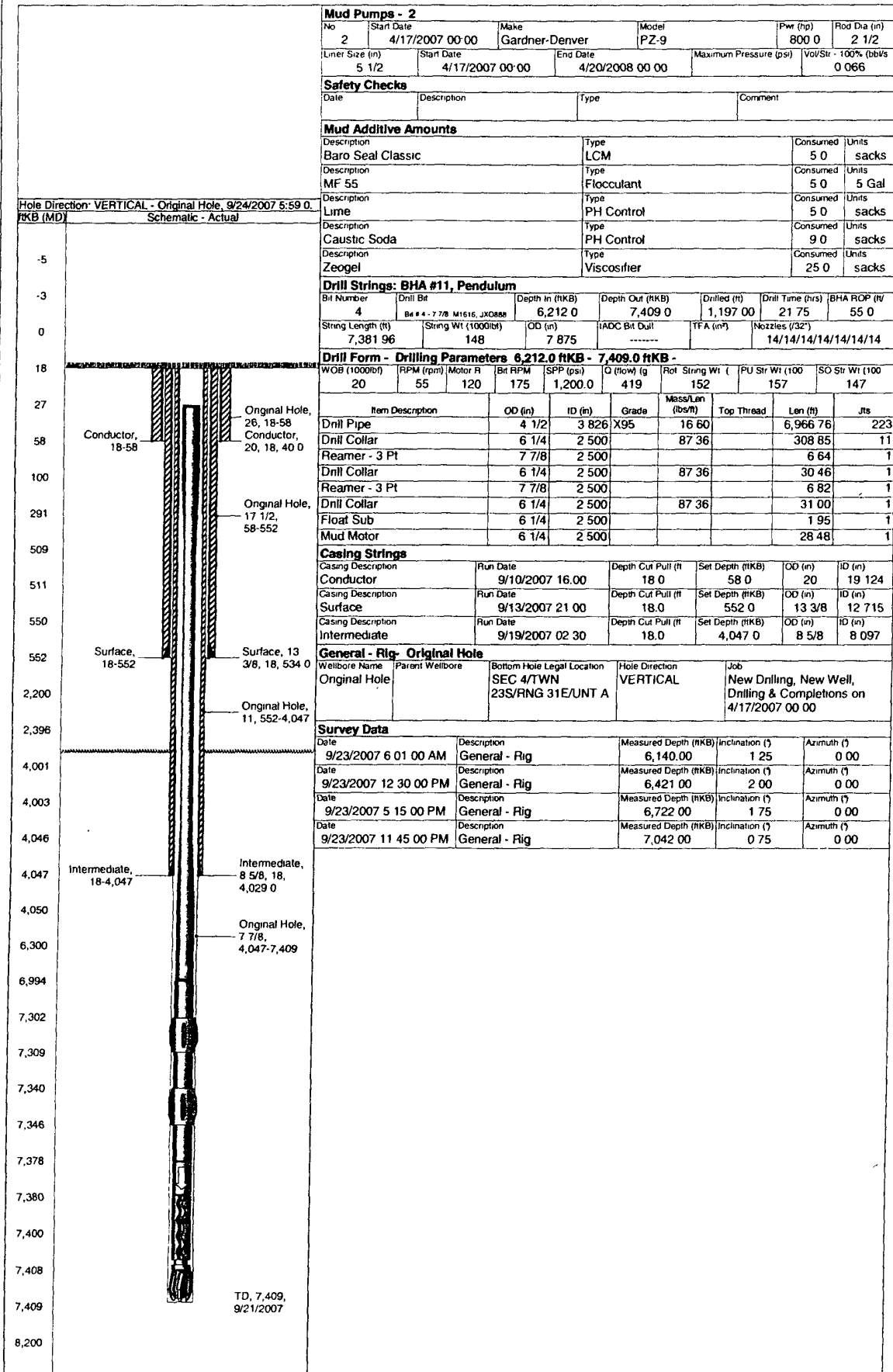
Yates Daily Drilling Report

Report Date: 9/24/2007

Report #: 37.0

GLOW WORM ALX FEDERAL #14

Day # 11





Yates Daily Drilling Report

Report Date: 9/23/2007

Report #: 36.0

GLOW WORM ALX FEDERAL #14

Day # 10

Bit Record					API/UWI	County	State	Surface Legal Location							
Bit Number	Drill Bit	Drill Out	Nozzles (32")		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A							
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator		Hole Direction	N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev		
4,047 0	6,212 0	3,362 00	67 50	49 8	YATES PETROLEUM CORP		VERTICAL	330 0	FNL	330 0	FEL	3,395 00	3,413 00		
Jobs															
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location				Drill Hrs.			
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A				168 75			
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date									
21,893 00		585,135 00				7,175 00									
Day No		Report End Date		Formation		Lithology		Present Operations							
10		9/23/2007 05 59		CHERRY CANYON		20% SHALE 80% SAND		DRILLING							
Hole Direction: VERTICAL - Original Hole, 9/23/2007 5:59.0.															
ftKB (MD) Schematic - Actual															
Depth End (ftKB) 6,212 0 Depth Start (ftKB) 5,122 0 Depth Progress (ft) 1,090 00 Drilling Hours (hrs) 21.75 Average ROP (ft/hr) 50 1															
Remarks															
Avg Background Gas (unit) 15 00 Max Background Gas (unit) 30 00 Avg Connection Gas (unit) 50 00 Max Connection Gas (unit)															
Avg Trip Gas (unit) Max Trip Gas (unit) Flare															
Mud Checks															
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM							
8 90		54,000													
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft)		Gel 10 min (lb/100ft)		Gel 10 min (lb/100ft)		pH					
28										11 0					
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)									
Comment															
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment	
06 00		5 00		11 00		5 00		DRILLING		5,122 0		5,309 0			
11 00		0 50		11 30		5 50		SERVICE RIG		5,309 0					
11 30		0 50		12 00		6 00		SURVEY - WIRELINE						1 1/4" @ 5238'	
12 00		4 50		16 30		10 50		DRILLING		5,309 0		5,590 0			
16 30		0 25		16 45		10 75		SURVEY - WIRELINE		5,590 0				MISSFIRE @ 5518'	
16 45		0 50		17 15		11 25		DRILLING		5,590 0		5,621 0			
17 15		0 50		17 45		11 75		SURVEY - WIRELINE		5,621 0				1" @ 5548'	
17 45		4 25		22 00		16 00		DRILLING		5,621 0		5,900 0			
22 00		0 50		22 30		16 50		SURVEY - WIRELINE		5,900 0				1 1/4" @ 5828'	
22 30		7 50		06 00		24 00		DRILLING		5,900 0		6,212 0			
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fasline Rental		Water Hauling				AMERICAN SAFETY									
Drilling Mud & Additives						BAROID									
Tools&Equip		Down Hole Equip, B O P Rental		800 00											
Rntl Trkg & Welding-Drilling						YPC									
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE									
Supervision & Overhead - Drilling		Communication		190 00		PASON									
Tools&Equip		Safety Equipment		75 00		AMERICAN SAFETY									
Rntl Trkg & Welding-Drilling		Down Hole Equip, B O P Rental		3,263 00		PATHFINDER									
Daily Contacts															
Job Contact		Company		Phone Mobile											
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340											
Job Contact		Company		Phone Mobile											
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285											
Job Contact		Company		Phone Mobile											
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314											
Job Contact		Company		Phone Mobile											
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114											
Job Contact		Company		Phone Mobile											
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749											
Job Contact		Company		Phone Mobile											
RAY PODANY, GEOLOGIST		YATES		505-365-4190											
Job Contact		Company		Phone Mobile											
JANET RICHARDSON, LANDMAN		YATES													
Rigs															
Rig Contractor		Rig Number		KB from GL (ft)		Rig Type									
SILVER OAK DRILLING COMPANY		6		18 00		Drilling - T nple									
Mud Pumps - 1															
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)					
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800.0		2 1/2					
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)							
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0.066							
Pump Checks															
Pump Number		Date		Depth (ftKB)		Slow Spd		Strokes (spm)		Pressure (psi)					
1		9/23/2007 05 59		6,212 0		No		105		1,100 0					



Yates Daily Drilling Report

Report Date: 9/23/2007

GLOW WORM ALX FEDERAL #14

Report #: 36.0

Day # 10

Mud Pumps - 2								
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)			
2	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2			
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bbl/s)				
5 1/2	4/17/2007 00 00	4/20/2008 00 00		0 066				
Safety Checks								
Date	Description	Type	Comment					
Mud Additive Amounts								
Description	Type	Consumed	Units					
Baro Seal Classic	LCM	5 0	sacks					
Lime	PH Control	6 0	sacks					
Caustic Soda	PH Control	7 0	sacks					
Zeogel	Viscosifier	65 0	sacks					
Drill Strings: BHA #10, Pendulum								
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)		
4	8 7/8 7 7/8 M1616 JX0888	5,122 0	6,212 0	1,090 00	21 75	50 1		
String Length (ft)	String Wt (1000lb)	OD (in)	IADC Bit Dull	TFA (in ²)	Nozzles (3/32")			
6,176 02	128	7 875			14/14/14/14/14/14			
Drill Form - Drilling Parameters 5,122.0 ftKB - 6,212.0 ftKB -								
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	Q (flow) (g)	Rot String Wt (100)	PU Str Wt (100)	ISO Str Wt (100)
20	55	120	175	1,100.0	419	139	144	135
Item Description		OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe		4 1/2	3 826	X95	16 60		5,760 82	185
Drill Collar		6 1/4	2 500		87 36		308 85	11
Reamer - 3 Pt		7 7/8	2 500				6 64	1
Drill Collar		6 1/4	2 500		87 36		30 46	1
Reamer - 3 Pt		7 7/8	2 500				6 82	1
Drill Collar		6 1/4	2 500		87 36		31 00	1
Float Sub		6 1/4	2 500				1 95	1
Mud Motor		6 1/4	2 500				28 48	1
Casing Strings								
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Conductor	9/10/2007 16 00	18 0	58 0	20	19.124			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Surface	9/13/2007 21 00	18 0	552 0	13 3/8	12.715			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Intermediate	9/19/2007 02 30	18 0	4,047.0	8 5/8	8 097			
General - Rig- Original Hole								
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job				
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00				
Survey Data								
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/22/2007 12 00 00 PM	General - Rig	5,238 00	1 25	0 00				
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/22/2007 6 00 00 PM	General - Rig	5,548 00	1 00	0 00				
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/22/2007 11 00 00 PM	General - Rig	5,828 00	1 25	0 00				

Hole Direction: VERTICAL - Original Hole, 9/23/2007 5.59.0...
ftKB (MD) Schematic - Actual



Yates Daily Drilling Report

Report Date: 9/22/2007

GLOW WORM ALX FEDERAL #14

Report #: 35.0

Day # 9

Bit Record					API/UWI	County	State	Surface Legal Location							
Bit Number	Drill Bit	Dull Out	Nozzles (#/2")		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A							
4	Bit # 4 - 7 7/8, M1616, JXO888	-----	14/14/14/14		Operator	Hole Direction		N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev		
4,047 0	5,122 0	3,362 00	67 50	49 8	YATES PETROLEUM CORP	VERTICAL		330 0	FNL	330 0	FEL	3,395 00	3,413 00		
Jobs															
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location							
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A							
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date									
21,630 00		563,242.00				7,175 00									
Day No		Report End Date		Formation		Lithology		Present Operations							
9		9/22/2007 05 59		CHERRY CANYON		10% SHALE 70% SAND 20% LIME		DRILLING							
Hole Direction: VERTICAL - Original Hole, 9/22/2007 5:59:0...					Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)		
ftKB (MD)					5,122 0		4,125 0		997 00		20 00		49 9		
Remarks															
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)			
8.00				15.00				25 00							
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare							
Mud Checks															
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM							
8 80		60,000													
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft)		Gel 10 sec (lb/100ft)		Gel 10 min (lb/100ft)		pH					
28										10 5					
Water Loss (mL/30min)		Filter Cake (3/32")		KCl (%)		Percent Oil (%)									
Comment															
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment	
06 00		4 75		10 45		4 75		DRILLING		4,125 0		4,281 0			
10 45		0 50		11:15		5:25		SERVICE RIG		4,281 0					
11 15		0 50		11 45		5 75		SURVEY - WIRELINE						1' @ 4241'	
11 45		2 25		14 00		8 00		DRILLING		4,281 0		4,374 0			
14 00		1 50		15 30		9 50		RIG REPAIR		4,374 0				WORK ON DRUM DECODER	
15 30		2 25		17 45		11 75		DRILLING		4,374 0		4,561 0			
17 45		0 50		18 15		12 25		SURVEY - WIRELINE		4,561 0				1 1/2' @ 4488'	
18 15		4 50		22:45		16 75		DRILLING		4,561 0		4,810 0			
22:45		0 50		23:15		17 25		SURVEY - WIRELINE		4,810 0				1 1/2' @ 4738'	
23:15		5 25		04:30		22 50		DRILLING		4,810 0		5,060 0			
04 30		0 50		05 00		23 00		SURVEY - WIRELINE		5,060 0				2 1/4' @ 4987'	
05 00		1 00		06 00		24 00		DRILLING		5,060 0		5,122 0			
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fasline Rental		Water Hauling				AMERICAN SAFETY									
Drilling Mud & Additives						BAROID									
Tools&Equip.		Down Hole Equip ,B O P Rental		800 00											
Rntl Trkg & Welding-Drilling						YPC									
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE									
Supervision & Overhead - Drilling		Communication		190 00		PASON									
Tools&Equip.		Safety Equipment		75 00		AMERICAN SAFETY									
Rntl Trkg & Welding-Drilling						PATHFINDER									
Tools&Equip		Down Hole Equip ,B O P Rental		3,000 00											
Rntl Trkg & Welding-Drilling															
Daily Contacts															
Job Contact		Company		Phone Mobile											
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340											
Job Contact		Company		Phone Mobile											
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285											
Job Contact		Company		Phone Mobile											
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314											
Job Contact		Company		Phone Mobile											
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114											
Job Contact		Company		Phone Mobile											
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749											
Job Contact		Company		Phone Mobile											
RAY PODANY, GEOLOGIST		YATES		505-365-4190											
Job Contact		Company		Phone Mobile											
JANET RICHARDSON, LANDMAN		YATES													
Rigs															
Rig Contractor		Rig Number		KB from GL (ft)		Rig Type									
SILVER OAK DRILLING COMPANY		6		18 00		Drilling - Triple									
Mud Pumps - 1															
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)					
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800 0		2 1/2					
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)							
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0 066							



Yates Daily Drilling Report

Report Date: 9/22/2007

GLOW WORM ALX FEDERAL #14

Report #: 35.0

Day # 9

Pump Checks	
Pump Number	Date
1	9/22/2007 05 59
Depth (ftKB)	5,122 0
Slow Spd	No
Strokes (spm)	105
Pressure (psi)	1,025 0

Mud Pumps - 2	
No	Start Date
2	4/17/2007 00 00
Make	Gardner-Denver
Model	PZ-9
Pwr (hp)	800 0
Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2
Start Date	4/17/2007 00 00
End Date	4/20/2008 00 00
Maximum Pressure (psi)	
Vol/Str - 100% (bbls)	0 066

Safety Checks	
Date	Description
Type	Comment

Mud Additive Amounts	
Description	Type
Lime	PH Control
Consumed	3 0
Units	sacks
Description	Type
Baro Seal Classic	LCM
Consumed	6 0
Units	sacks
Description	Type
Caustic Soda	PH Control
Consumed	9 0
Units	sacks
Description	Type
Zeogel	Viscosifier
Consumed	50 0
Units	sacks

Drill Strings: BHA #9, Pendulum	
Bit Number	Drill Bit
4	Bit # 4 - 7 7/8 M1616 JX0888
Depth In (ftKB)	4,125.0
Depth Out (ftKB)	5,122 0
Drilled (ft)	997 00
Drill Time (hrs)	20 00
BHA ROP (ft/hr)	49 9
String Length (ft)	5,116 20
String Wt (1000lb)	110
OD (in)	7 875
IADC Bit Dull	-----
TFA (in)	
Nozzles (1/32")	14/14/14/14/14/14

Drill Form - Drilling Parameters 4,125.0 ftKB - 5,122.0 ftKB -	
WOB (1000lb)	RPM (rpm)
20	50
Motor R	120
Bit RPM	170
SPP (psi)	1,025 0
Q (flow) (g)	419
Rot String Wt (lb)	120
PU Str Wt (100)	123
SO Str Wt (100)	115

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3 826	X95	16 60		4,701 00	149
Drill Collar	6 1/4	2 500		87 36		308 85	11
Reamer - 3 Pt	7 7/8	2 500				6 64	1
Drill Collar	6 1/4	2 500		87 36		30 46	1
Reamer - 3 Pt	7 7/8	2 500				6 82	1
Drill Collar	6 1/4	2 500		87 36		31 00	1
Float Sub	6 1/4	2 500				1 95	1
Mud Motor	6 1/4	2 500				28 48	1

Casing Strings	
Casing Description	Run Date
Conductor	9/10/2007 16:00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	58 0
OD (in)	20
ID (in)	19 124
Casing Description	Run Date
Surface	9/13/2007 21:00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	552 0
OD (in)	13 3/8
ID (in)	12 715
Casing Description	Run Date
Intermediate	9/19/2007 02:30
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	4,047 0
OD (in)	8 5/8
ID (in)	8 097

General - Rig - Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00

Survey Data	
Date	Description
9/21/2007 11 45 00 AM	General - Rig
Measured Depth (ftKB)	4,241 00
Inclination (°)	1 00
Azimuth (°)	0 00
Date	Description
9/21/2007 5 30 00 PM	General - Rig
Measured Depth (ftKB)	4,488.00
Inclination (°)	1 50
Azimuth (°)	0 00
Date	Description
9/21/2007 10 00 00 PM	General - Rig
Measured Depth (ftKB)	4,738 00
Inclination (°)	1 50
Azimuth (°)	0 00
Date	Description
9/22/2007 4 30 00 AM	General - Rig
Measured Depth (ftKB)	4,987 00
Inclination (°)	2 25
Azimuth (°)	0 00



Yates Daily Drilling Report

Report Date: 9/21/2007

GLOW WORM ALX FEDERAL #14

Report #: 34.0

Day # 8

Bit Record					API/UWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (32")		3001535316	EDDY		NEW		SEC 4/TWN 23S/RNG 31E/UNT A					
4	Bit # 4 - 7 7/8, M1616, JXO888		14/14/14/1		Operator		Hole Direction		N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Org KB Elev	
Depth In (ft)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	YATES PETROLEUM CORP		VERTICAL		330 0	FNL	330 0	FEL	3,395 00	3,413 00	
4,047 0	4,125 0	78 00	4 00	19 5											
Jobs															
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location			Drill Hrs				
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A			105 25				
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date									
31,042 00		541,612 00				7,175 00									
Day No		Report End Date		Formation		Lithology		Present Operations							
8		9/21/2007 05 59		BELL CANYON		100% ANYHYDRITE		DRILLING							
Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)							
4,125 0		4,047 0		78.00		4 00		19 5							
Hole Direction VERTICAL - Original Hole, 9/21/2007 5 59:0. Schematic - Actual															
Remarks															
Avg Background Gas (l/unit)				Max Background Gas (l/unit)				Avg Connection Gas (l/unit)				Max Connection Gas (l/unit)			
Avg Trip Gas (l/unit)				Max Trip Gas (l/unit)				Flare							
Mud Checks															
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM							
8 80															
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH					
28										10 5					
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)									
Comment															
Time Log															
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment								
06:00	3 25	09:15	3 25	WAIT ON CEMENT											
09:15	4 25	13:30	7 50	CUT OFF CASING/WELD ON WELLHEAD											
13:30	3 50	17:00	11 00	NIPPLE UP/DOWN BOP STACK											
17:00	2 50	19:30	13 50	TEST BOP			NOTIFIED TERRY CARTWRIGHT BLM - CARLSBAD OF TESTING / TEST PSI BOP (250# / 3000#) / ANNULAR TEST PSI (250# / 1500#)								
19:30	4 00	23:30	17 50	TRIP IN			PU BHA TTH								
23:30	1 00	00:30	18 50	DRILL CEMENT AND/OR FLOAT EQUIPMENT			TAG CEMENT @ 400'								
00:30	0 50	01:00	19 00	TEST CASING			START PSI - 1500# / FINAL 1425#								
01:00	0 50	01:30	19 50	DRILL CEMENT AND/OR FLOAT EQUIPMENT											
01:30	0 25	01:45	19 75	DRILLING	4,047 0	4,050 0									
01:45	0 50	02:15	20 25	TEST FORMATION	4,050 0		START PSI - 1000# FINAL 950#								
02:15	3 75	06:00	24 00	DRILLING	4,050 0	4,125 0									
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fastline Rental		Water Hauling		1,000 00		AMERICAN SAFETY									
Drilling Mud & Additives						BAROID									
Tools&Equip. Rntl Trkg & Welding-Drilling		Down Hole Equip, B O P Rental		800 00		TRIUMPH DRILLING TOOLS									
Supervision & Overhead - Drilling				1,000 00		YPC									
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE									
Supervision & Overhead - Drilling		Communication		190 00		PASON									
Tools&Equip. Rntl Trkg & Welding-Drilling		Safety Equipment		75 00		AMERICAN SAFETY									
Tools&Equip. Rntl Trkg & Welding-Drilling		Down Hole Equip, B O P Rental		600 00		PATHFINDER									
Tools&Equip. Rntl Trkg & Welding-Drilling				812 00		FLAMING EAGLE									
Bits, Tool & Supplies Purchase - Drilling				10,000 00		SMITH BITS									
Daily Contacts															
Job Contact		Company		Phone Mobile											
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340											
Job Contact		Company		Phone Mobile											
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285											
Job Contact		Company		Phone Mobile											
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314											



Yates Daily Drilling Report

Report Date: 9/21/2007

GLOW WORM ALX FEDERAL #14

Report #: 34.0

Day # 8

Hole Direction: VERTICAL - Original Hole, 9/21/2007 5:59:00 HKB (MD)		Schematic - Actual	
-5			
-3			
0			
4			
18			
58	Conductor, 18-58	Original Hole, 26, 18-58	Conductor, 20, 18, 40 0
100			
291		Original Hole, 17 1/2, 58-552	
509			
511			
550			
552	Surface, 18-552	Surface, 13 3/8, 18, 534 0	
2,200		Original Hole, 11, 552-4,047	
2,396			
3,710			
4,001			
4,003			
4,019			
4,025			
4,046			
4,047	Intermediate, 18-4,047	Intermediate, 8 5/8, 18, 4,029 0	
4,050			
4,056			
4,063			
4,094		Original Hole, 7 7/8, 4,047-4,125	
4,095			
4,124			
4,125		TD, 4,125, 9/21/2007	
6,300			
7,400			
8,200			

Daily Contacts			
Job Contact	RIG FLOOR - 6, RIG PHONE	Company	SILVER OAK
Job Contact	MARGRETHE HOTTER, ENGINEER	Company	YATES
Job Contact	RAY PODANY, GEOLOGIST	Company	YATES
Job Contact	JANET RICHARDSON, LANDMAN	Company	YATES

Rigs			
Rig Contractor	SILVER OAK DRILLING COMPANY	Rig Number	6
KB from GL (ft)	18 00	Rig Type	Drilling - Triple

Mud Pumps - 1			
No	1	Start Date	4/17/2007 00 00
Make	Gardner-Denver	Model	PZ-9
Pwr (hp)	800 0	Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2	Start Date	4/17/2007 00 00
End Date	4/20/2008 00 00	Maximum Pressure (psi)	
Vol/Str	100% (bbl/s)		0 066

Pump Checks			
Pump Number	1	Date	9/21/2007 05:59
Depth (HKB)	4,125 0	Slow Spd	No
Strokes (spm)	106	Pressure (psi)	900.0

Mud Pumps - 2			
No	2	Start Date	4/17/2007 00 00
Make	Gardner-Denver	Model	PZ-9
Pwr (hp)	800 0	Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2	Start Date	4/17/2007 00 00
End Date	4/20/2008 00 00	Maximum Pressure (psi)	
Vol/Str	100% (bbl/s)		0 066

Safety Checks			
Date		Description	Type
			Comment

Mud Additive Amounts			
Description	Lime	Type	PH Control
Consumed	1 0	Units	sacks

Drill Strings: BHA #8, Pendulum			
Bit Number	4	Drill Bit	Bt # 4 - 7 7/8, M1616, JX0888
Depth In (HKB)	4,047 0	Depth Out (HKB)	4,125 0
Drilled (ft)	78 00	Drill Time (hrs)	4 00
BHA ROP (ft/hr)	19 5		
String Length (ft)	4,120 80	String Wt (1000lb)	94
OD (in)	7 875	IADC Bit Dull	
TFA (in)		Nozzles (3/32")	14/14/14/14/14/14

Drill Form - Drilling Parameters 4,047.0 HKB - 4,125.0 HKB -			
WOB (1000lb)	12	RPM (rpm)	55
Motor R	70	Bit RPM	125
SPP (psi)	900 0	G (flow) (g)	419
Rot String Wt (100)	105	PU Str Wt (100)	108
SO Str Wt (100)	102		
Item Description	OD (in)	ID (in)	Grade
Drill Pipe	4 1/2	3 826	X95
Drill Collar	6 1/4	2 500	
Reamer - 3 Pt	7 7/8	2 500	
Drill Collar	6 1/4	2 500	
Reamer - 3 Pt	7 7/8	2 500	
Drill Collar	6 1/4	2 500	
Float Sub	6 1/4	2 500	
Mud Motor	6 1/4	2 500	

Casing Strings			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (HKB)
Conductor	9/10/2007 16:00	18 0	58 0
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (HKB)
Surface	9/13/2007 21 00	18 0	552 0
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (HKB)
Intermediate	9/19/2007 02 30	18 0	4,047 0

General - Rig - Original Hole			
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL
			Job
			New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00

Survey Data			
Date	Description	Measured Depth (HKB)	Inclination (°)
	General - Rig		Azimuth (°)



Yates Daily Drilling Report

Report Date: 9/20/2007

GLOW WORM ALX FEDERAL #14

Report #: 33.0

Day # 7

Bit Record					API/UWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (3/32")		3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A				
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator		Hole Direction		N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev	
					YATES PETROLEUM CORP		VERTICAL		330 0	FNL	330 0	FEL	3,395 00	3,413 00	
Jobs															
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location					Drill Hrs		
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A					101 25		
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date									
160,921 00		510,570 00				7,175 00									
Day No		Report End Date		Formation		Lithology		Present Operations							
7		9/20/2007 05 59		BASE OF SALT		SALT		WAIT ON CEMENT							
Hole Direction: VERTICAL - Original Hole, 9/20/2007 5:59:00..					Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)		
ftKB (MD)					4,047 0		4,047 0		0 00						
Remarks															
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)			
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare							
Mud Checks															
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM							
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH					
Water Loss (mL/30min)		Filter Cake (3/32")		KCl (%)		Percent Oil (%)									
Comment															
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment	
06 00		1 50		07 30		1 50		PUMP SWEEP AROUND		4,047 0				PUMP SWEEP F/ CASING / NOTIFIED TERRY CARTWRIGHT W/ CARLSBAD BLM OF PRESENT OPERATIONS	
07 30		3 50		11 00		5 00		TRIP OUT							
11 00		3 50		14 30		8 50		PICKUP/LAY TOOLS						RU LDM / HOLD SAFETY MEETING / LAYDOWN COLLARS - BHA & MOTOR	
14 30		4 50		19 00		13 00		RUN CASING						RU CASERS / HOLD SAFETY MEETING / RUN 95 JTS 8 5/8 32# & 24# CASING TO 4047	
19 00		0 50		19 30		13 50		RIG UP CEMENTER AND CIRCULATE						RU CEMENTERS / CIRC / RD CASERS & LDM / HOLD SAFETY MEETING W/ CEMENTERS	
19 30		1 75		21 15		15 25		CEMENTING						CEMENT W/ 1175 SXS LITE & ADD / 200 SXS & ADD / PLUG DOWN @ 9 15 PM MST 9/19/07 - 1500# PSI - CIRC 127 SXS TO PIT	
21:15		8 75		06 00		24 00		WAIT ON CEMENT							
Daily Costs															
Cost Description					Cost Details					Cost		Vendor			
Drilling, Daywork										16,500 00		SILVER OAK DRILLING			
Drilling Water, Fastline Rental					Water Hauling					500 00		AMERICAN SAFETY			
Drilling Mud & Additives												BAROID			
Tools&Equip Rntl Trkg & Welding-Drilling					Down Hole Equip ,B O P Rental					800 00		TRIUMPH DRILLING TOOLS			
Supervision & Overhead - Drilling										1,000 00		YPC			
Supervision & Overhead - Drilling					Trailer Rental					65 00		CHARLIE'S ROUSTABOUT SERVICE			
Supervision & Overhead - Drilling					Communication					100 00		PASON			
Tools&Equip Rntl Trkg & Welding-Drilling					Down Hole Equip ,B O P Rental					10,600 00		PATHFINDER			
Tools&Equip Rntl Trkg & Welding-Drilling										200 00		LITE TOWER			
Tools&Equip Rntl Trkg & Welding-Drilling					Safety Equipment					75 00		AMERICAN SAFETY			
Cementing - Surface & Intermediate Casing					Lay Down					2,310 00		BULL RODGERS CASING			
Casing					Casing Crews					4,455 00		BULL RODGERS CASING			
Cementing - Surface & Intermediate Casing										1,800 00		WEATHERFORD			
Casing					Intermediate					77,143 00		YATES YARD			
Christmas Tree & Well Head										1,758 00		YATES YARD			
Cementing - Surface & Intermediate Casing										41,972 00		DOWELL SCHLUMBERGER			
Tools&Equip Rntl Trkg & Welding-Drilling										643 00		FLAMING EAGLE			



Yates Daily Drilling Report

Report Date: 9/20/2007

GLOW WORM ALX FEDERAL #14

Report #: 33.0

Day # 7

Daily Costs	
Cost Description	Cost Details
Tools&Equip Rntl Trkg & Welding-Drlng	Trans Of Rental Tools 1,000 00 EL FARMER

Daily Contacts		
Job Contact	Company	Phone Mobile
JIM KROGMAN, DRLG SUPERINTENDENT	YATES	505-365-8340
TERRY DOSHER, DRILLING CONSULTANT	RGI	505-399-8285
EDWARD CHAVEZ, TOOLPUSHER	SILVER OAK	505-513-1314
RIG FLOOR - 6, RIG PHONE	SILVER OAK	505-513-2114
MARGRETHE HOTTER, ENGINEER	YATES	505-703-0749
RAY PODANY, GEOLOGIST	YATES	505-365-4190
JANET RICHARDSON, LANDMAN	YATES	

Rigs			
Rig Contractor	Rig Number	KB from GL (ft)	Rig Type
SILVER OAK DRILLING COMPANY	6	18 00	Drilling - Triple

Mud Pumps - 1					
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
1	4/17/2007 00:00	Gardner-Denver	PZ-9	800 0	2 1/2
Liner Size (in)		Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bb/s)
5 1/2		4/17/2007 00:00	4/20/2008 00:00		0 066

Mud Pumps - 2					
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
2	4/17/2007 00:00	Gardner-Denver	PZ-9	800 0	2 1/2
Liner Size (in)		Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bb/s)
5 1/2		4/17/2007 00:00	4/20/2008 00:00		0.066

Safety Checks			
Date	Description	Type	Comment
9/19/2007 11:00		Safety Meeting	SAFETY MEETING W/ LDM
9/19/2007 13:30		Safety Meeting	SAFETY MEETING W/ CASERS
9/19/2007 19:00		Safety Meeting	SAFETY MEETING W/ CEMENTERS

Mud Additive Amounts			
Description	Type	Consumed	Units

Casing Strings					
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	9/10/2007 16:00	18.0	58.0	20	19.124
Surface	9/13/2007 21:00	18 0	552 0	13 3/8	12 715
Intermediate	9/19/2007 02:30	18 0	4,047 0	8 5/8	8 097

General - Rig- Original Hole				
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00:00

Survey Data			
Date	Description	Measured Depth (ftKB)	Inclination (°)
	General - Rig		

Hole Direction: VERTICAL - Original Hole, 9/20/2007 5:59:00.
#KB (MD) Schematic - Actual

Conductor, 18-58

Original Hole, 26, 18-58
Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

Surface, 18-552

Surface, 13 3/8, 18, 534 0

Original Hole, 11, 552-4,047

Intermediate, 8 5/8, -3, 4,049 7
TD, 4,047, 9/15/2007

Intermediate, 18-4,047



Yates Daily Drilling Report

Report Date: 9/19/2007

Report #: 32.0

GLOW WORM ALX FEDERAL #14

Day # 6

Bit Record					API/JWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (3/2")		3001535316	EDDY	NEW	MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A						
3	Bit # 3 - 11, M70PR, ER20079	-----	15/15/15/15		Operator YATES PETROLEUM CORP		Hole Direction VERTICAL		N/S Dist 330 0	FNL	E/W Dist 330 0	FEL	Gr Elev (ft) 3,395 00	Org KB Elev 3,413 00	
Depth In (ft)	Depth Out (ft)	Depth Drill	Job Drill Hr.	Avg ROP											
552 0	4,047 0	3,495 00	77.75	45 0											
Jobs															
AFE Number 071990		Total AFE 2,021,000 00		Tgt Depth (ft)		Target Formation		Bottom Hole Legal Location							
				8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A							
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date									
30,607 00		349,649 00		2,977 00		7,175 00									
Day No 6		Report End Date 9/19/2007 05 59		Formation BASE OF SALT		Lithology SALT		Present Operations DRILLING							
Depth End (ft)		Depth Start (ft)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)							
4,047 0		3,175 0		872 00		21 25		41 0							
Hole Direction: VERTICAL - Original Hole, 9/19/2007 5:59:00 Remarks: Schematic - Actual															
Remarks															
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)			
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare							
Mud Checks															
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM							
10.30		130,000													
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft²)		Gel 10 sec (lb/100ft²)		Gel 10 min (lb/100ft²)		pH					
29										10.5					
Water Loss (mL/30min)		Filter Cake (3/2")		KCl (%)		Percent Oil (%)									
Comment															
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)		Comment	
06 00		3 00		09 00		3 00		DRILLING		3,175 0		3,223 0			
09 00		0 25		09 15		3 25		CHECK SHOT		3,223 0					
09 15		2 50		11 45		5 75		DRILLING		3,223 0		3,316 0			
11 45		0 50		12 15		6 25		SERVICE RIG		3,316 0					
12 15		0 50		12 45		6 75		DRILLING		3,316 0		3,347 0			
12 45		0 25		13 00		7 00		RIG REPAIR		3,347 0				REPLACE ROTARY & FLOW SENSOR	
13 00		1 25		14 15		8 25		DRILLING		3,347 0		3,410 0			
14 15		0 25		14 30		8 50		SURVEY - MWD		3,410 0				1 23° 219 29 AZM @ 3365'	
14 30		6 25		20 45		14 75		DRILLING		3,410 0		3,795 0			
20 45		0 25		21 00		15 00		SURVEY - MWD		3,795 0				2 29° 150 65 AZM @ 3738'	
21 00		2 50		23 30		17 50		DRILLING		3,795 0		3,845 0			
23 30		0 25		23 45		17 75		CHECK SHOT		3,845 0					
23 45		0 50		00 15		18 25		DRILLING		3,845 0		3,876 0			
00 15		0 25		00 30		18 50		CHECK SHOT		3,876 0					
00 30		0 50		01 00		19 00		SLIDE		3,876 0		3,884 0			
01 00		1 00		02 00		20 00		DRILLING		3,884 0		3,939 0			
02 00		0 25		02 15		20 25		SURVEY - MWD		3,939 0				2 37° 144 41 AZM @ 3894'	
02 15		0 50		02 45		20 75		SLIDE		3,939 0		3,952 0			
02 45		1 75		04 30		22 50		DRILLING		3,952 0		4,001 0			
04 30		0 25		04 45		22 75		SURVEY - MWD		4,001 0				2 16° 153 55 AZM @ 3946'	
04 45		1 25		06 00		24 00		DRILLING		4,001 0		4,047 0		TD 11° HOLE @ 6 00 AM MST 9/19/07	
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fastline Rental		Water Hauling				AMERICAN SAFETY									
Drilling Mud & Additives				2,977 00		BAROID									
Tools&Equip Rntl Trkg & Welding-Drilling		Down Hole Equip, B O P Rental		800 00		TRIUMPH DRILLING TOOLS									
Supervision & Overhead - Drilling				1,000 00		YPC									
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE									
Supervision & Overhead - Drilling		Communication		100 00		PASON									
Tools&Equip Rntl Trkg & Welding-Drilling		Down Hole Equip, B O P Rental		7,660 00		PATHFINDER									
Tools&Equip Rntl Trkg & Welding-Drilling				200 00		LITE TOWER									
Tools&Equip Rntl Trkg & Welding-Drilling		Safety Equipment		75 00		AMERICAN SAFETY									
Cementing - Surface & Intermediate Casing		Fluid Caliper		1,230 00		DAVIS FLUID CALIPER									
Daily Contacts															
Job Contact		Company		Phone Mobile											
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340											
Job Contact		Company		Phone Mobile											
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285											
Job Contact		Company		Phone Mobile											
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314											
Job Contact		Company		Phone Mobile											
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114											



Yates Daily Drilling Report

Report Date: 9/19/2007

GLOW WORM ALX FEDERAL #14

Report #: 32.0

Day # 6

Hole Direction: VERTICAL - Original Hole, 9/19/2007 5:59:00 ftKB (MD)		Schematic - Actual	
-5			
0			
18			
23			
58	Conductor, 18-58	Original Hole, 26, 18-58 Conductor, 20, 18, 40'0"	
100		Original Hole, 17 1/2, 58-552	
509			
511			
550			
552	Surface, 18-552	Surface, 13 3/8, 18, 534'0"	
2,200		Original Hole, 11, 552-4,047	
3,323			
3,844			
3,846			
3,939			
3,945			
3,976			
3,983			
4,013			
4,016			
4,045			
4,047		TD, 4,047, 9/15/2007	
4,050			
6,300			
7,400			
8,200			

Daily Contacts			
Job Contact	MARGRETHE HOTTER, ENGINEER	Company	YATES
Job Contact	RAY PODANY, GEOLOGIST	Company	YATES
Job Contact	JANET RICHARDSON, LANDMAN	Company	YATES

Rigs			
Rig Contractor	SILVER OAK DRILLING COMPANY	Rig Number	6
KB from GL (ft)	18 00	Rig Type	Drilling - Tnple

Mud Pumps - 1			
No	1	Start Date	4/17/2007 00:00
Make	Gardner-Denver	Model	PZ-9
Pwr (hp)	800 0	Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2	Start Date	4/17/2007 00:00
End Date	4/20/2008 00:00	Maximum Pressure (psi)	
Vol/Str - 100% (bb/s)	0 066		

Pump Checks			
Pump Number	1	Date	9/19/2007 05:59
Depth (ftKB)	4,047.0	Slow Spd	No
Strokes (spm)	90	Pressure (psi)	1,650 0

Mud Pumps - 2			
No	2	Start Date	4/17/2007 00:00
Make	Gardner-Denver	Model	PZ-9
Pwr (hp)	800.0	Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2	Start Date	4/17/2007 00:00
End Date	4/20/2008 00:00	Maximum Pressure (psi)	
Vol/Str - 100% (bb/s)	0 066		

Pump Checks			
Pump Number	2	Date	9/19/2007 05:59
Depth (ftKB)	4,047 0	Slow Spd	No
Strokes (spm)	90	Pressure (psi)	1,650 0

Safety Checks			
Date		Description	Type
			Comment

Mud Additive Amounts			
Description	Type	Consumed	Units
Lime	PH Control	6.0	sacks
Caustic Soda	PH Control	7 0	sacks

Drill Strings: BHA #7, Steerable			
Bit Number	3	Depth In (ftKB)	3,175 0
Depth Out (ftKB)	4,047.0	Drilled (ft)	872 00
Drill Time (hrs)	21 25	BHA ROP (ft/hr)	41 0
String Length (ft)	4,024 32	String Wt (1000lb)	119
OD (in)	8.063	IADC Bit Dull	
TFA (in)		Nozzles (/32")	15/15/15/15

Drill Form - Drilling Parameters 3,175.0 ftKB - 4,047.0 ftKB -			
WOB (1000lb)	17	RPM (rpm)	72
Motor R	72	Bit RPM	144
SPP (psi)	1,650 0	Q (flow) (g)	482
Rot String Wt (100)	126	PJ Str Wt (100)	131
SO Str Wt (100)	124		

Item Description			
Drill Pipe	4 1/2	3 826	X95
Drill Collar	6 1/4	2 500	
XO Sub	8	2 500	
Drill Collar	8	2 500	
Reamer - 3 Pt	8	2 500	
Drill Collar	8	2 500	
Reamer - 3 Pt	8	2 500	
Drill Collar - Non Mag	8 1/16	2 500	
Float Sub	8 1/16	2 500	
Mud Motor	7 3/4	2 500	

Casing Strings			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)
Conductor	9/10/2007 16:00	18.0	58 0
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)
Surface	9/13/2007 21:00	18.0	552.0

General - Rig- Original Hole			
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL
			Job
			New Drilling, New Well, Drilling & Completions on 4/17/2007 00:00

Survey Data			
Date	Description	Measured Depth (ftKB)	Inclination (°)
9/18/2007 2 15 00 PM	General - Rig	3,365 00	1 23
Date	Description	Measured Depth (ftKB)	Inclination (°)
9/18/2007 8 45 00 PM	General - Rig	3,738 00	2 29
Date	Description	Measured Depth (ftKB)	Inclination (°)
9/19/2007 2 00 00 AM	General - Rig	3,894 00	2 37
Date	Description	Measured Depth (ftKB)	Inclination (°)
9/19/2007 4 30 00 AM	General - Rig	3,946 00	2 16



Yates Daily Drilling Report

Report Date: 9/18/2007

Report #: 31.0

GLOW WORM ALX FEDERAL #14

Day # 5

Bit Record					API/UWI		County		State		Surface Legal Location				
Bit Number 3	Drill Bit Bit # 3 - 11, M70PR, ER20079	Dull Out -----	Nozzles (32") 15/15/15/15	3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A					
Operator YATES PETROLEUM CORP		Hole Direction VERTICAL		N/S Dist 330 0		N/S Ref FNL		E/W Dist 330 0		E/W Ref FEL		Gr Elev (ft) 3,395 00		Orig KB Elev 3,413 00	
Depth in (ftKB) 552.0		Depth Out (ft) 3,175 0		Depth Drill 2,623 00		Job Drill Hr 56 50		Avg ROP 46.4							
Jobs															
AFE Number 071990		Total AFE 2,021,000 00		Tgt Depth (ftKB) 8,200 0		Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 4/TWN 23S/RNG 31E/UNT A		Drill Hrs 80 00					
Daily Cost Total 27,700 00		Cum Cost To Date 319,042 00		Daily Mud Cost		Mud Additive Cost To Date 4,198 00									
Day No 5		Report End Date 9/18/2007 05 59		Formation SURFACE		Lithology SALT		Present Operations DRILLING							
Depth End (ftKB) 3,175 0		Depth Start (ftKB) 2,257 0		Depth Progress (ft) 918 00		Drilling Hours (hrs) 22.75		Average ROP (ft/hr) 40.4							
Hole Direction: VERTICAL - Original Hole, 9/18/2007 5:59:00 ftKB (MD) Schematic - Actual															
Remarks															
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)			
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare							
Mud Checks															
Weight (lb/gal) 10 00		Chlorides (ppm) 130,000		Calcium (ppm)		Solids (%)		LCM							
Funnel Viscosity (s/qt) 28		PV (cp)		YP (lb/100ft) 11 0		Gel 10 sec (lb/100ft) 11 0		Gel 10 min (lb/100ft) 11 0		pH					
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)									
Comment															
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment	
06 00		4.25		10:15		4 25		DRILLING		2,257 0		2,443 0			
10 15		0.25		10:30		4 50		SERVICE RIG		2,443 0					
10 30		0.25		10:45		4 75		SURVEY - MWD						1 32° 246 27 AZM @ 2398'	
10 45		2.50		13:15		7 25		DRILLING		2,443 0		2,537 0			
13 15		0.25		13:30		7 50		SURVEY - MWD		2,537 0				1 14° 257 61 AZM @ 2492'	
13:30		6.75		20:15		14 25		DRILLING		2,537 0		2,849 0			
20 15		0.25		20:30		14 50		SURVEY - MWD		2,849 0				1 23° 250 32 AZM @ 2804'	
20:30		9.00		05:30		23 50		DRILLING		2,849 0		3,160 0			
05:30		0.25		05:45		23 75		SURVEY - MWD		3,160 0				1 85° 238 45 AZM @ 3115'	
05 45		0.25		06:00		24 00		DRILLING		3,160 0		3,175 0			
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fasline Rental		Water Hauling		1,300 00		AMERICAN SAFETY									
Drilling Mud & Additives						BAROID									
Tools&Equip		Down Hole Equip, B O P Rental		800 00		TRIUMPH DRILLING TOOLS									
Rnttl Trkg & Welding-Drilling				1,000 00		YPC									
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE									
Supervision & Overhead - Drilling		Communication		100 00		PASON									
Tools&Equip		Down Hole Equip, B O P Rental		7,660 00		PATHFINDER									
Rnttl Trkg & Welding-Drilling				200 00		LITE TOWER									
Tools&Equip		Safety Equipment		75 00		AMERICAN SAFETY									
Rnttl Trkg & Welding-Drilling															
Daily Contacts															
Job Contact		JIM KROGMAN, DRLG SUPERINTENDENT				Company		YATES		Phone Mobile		505-365-8340			
Job Contact		TERRY DOSHER, DRILLING CONSULTANT				Company		RGI		Phone Mobile		505-399-8285			
Job Contact		EDWARD CHAVEZ, TOOLPUSHER				Company		SILVER OAK		Phone Mobile		505-513-1314			
Job Contact		RIG FLOOR - 6, RIG PHONE				Company		SILVER OAK		Phone Mobile		505-513-2114			
Job Contact		MARGRETHE HOTTER, ENGINEER				Company		YATES		Phone Mobile		505-703-0749			
Job Contact		RAY PODANY, GEOLOGIST				Company		YATES		Phone Mobile		505-365-4190			
Job Contact		JANET RICHARDSON, LANDMAN				Company		YATES		Phone Mobile					
Rigs															
Rig Contractor		SILVER OAK DRILLING COMPANY		Rig Number		6		KB from GL (ft)		18 00		Rig Type		Drilling - Triple	
Mud Pumps - 1															
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)					
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800 0		2 1/2					
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Sft - 100% (bbl/s)							
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0 066							
Pump Checks															
Pump Number		Date		Depth (ftKB)		Slow Spd		Strokes (spm)		Pressure (psi)					
1		9/18/2007 05 59		3,175.0		No		90		1,300 0					



rates Daily Drilling Report

Report Date: 9/18/2007

Report #: 31.0

GLOW WORM ALX FEDERAL #14

Day # 5

Mud Pumps - 2								
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)			
2	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2			
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Str	100% (bb/s)			
5 1/2	4/17/2007 00:00	4/20/2008 00 00			0 066			
Pump Checks								
Pump Number	Date	Depth (ftKB)	Slow Spd	Strokes (sprt)	Pressure (psi)			
2	9/18/2007 05 59	3,175 0	No	90	1,300 0			
Safety Checks								
Date	Description	Type	Comment					
Mud Additive Amounts								
Description	Type	Consumed	Units					
Lime	PH Control	4 0	sacks					
Zeogel	Viscosifier	55 0	Units					
Drill Strings: BHA #6, Steerable								
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)		
3	Bit # 3 - 11, M70PR ER20079	2,257 0	3,175 0	918 00	22 75	40 4		
String Length (ft)	String Wt (1000lb)	OD (in)	ADC Bit Dull	TFA (in)	Nozzles (3/32")			
3,153 82	105	8.063			15/15/15/15			
Drill Form - Drilling Parameters 2,257.0 ftKB - 3,175.0 ftKB -								
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SFP (psi)	Q (flow) (g)	Rot String Wt (100)	PU Str Wt (100)	SO Str Wt (100)
17	70	77	147	1,300.0	482	113	115	110
Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts	
Drill Pipe	4 1/2	3 826	X95	16 60		2,429 50	77	
Drill Collar	6 1/4	2 500		87.36		521 17	17	
XO Sub	8	2 500				2 20	1	
Drill Collar	8	2 500		153 88		92 93	3	
Reamer - 3 Pt	8	2 500				6 10	1	
Drill Collar	8	2 500		153 88		31 15	1	
Reamer - 3 Pt	8	2 500				7 20	1	
Drill Collar - Non Mag	8 1/16	2.500				29 77	1	
Float Sub	8 1/16	2.500				2 60	1	
Mud Motor	7 3/4	2.500				29 20	1	
Casing Strings								
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Conductor	9/10/2007 16:00	18 0	58 0	20	19 124			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)			
Surface	9/13/2007 21 00	18 0	552 0	13 3/8	12 715			
General - Rig- Original Hole								
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job				
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00				
Survey Data								
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/17/2007 10 30 00 AM	General - Rig	2,398 00	1 32	246 27				
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/17/2007 1 15 00 PM	General - Rig	2,492 00	1 14	257 61				
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/17/2007 8 15 00 PM	General - Rig	2,804.00	1 23	250 32				
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)				
9/18/2007 5 30:00 AM	General - Rig	3,115 00	1 85	238 45				

Hole Direction: VERTICAL - Original Hole, 9/18/2007 5 59.0 ftKB (MD)

Schematic - Actual



Yates Daily Drilling Report

Report Date: 9/17/2007

GLOW WORM ALX FEDERAL #14

Report #: 30.0

Day # 4

Bit Record					API/UIWI		County		State		Surface Legal Location																	
Bit Number	Drill Bit	Dull Out	Nozzles (3/32")																									
3	Bit # 3 - 11, M70PR, ER20079		15/15/15/15	3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A																		
Operator					Hole Direction		N/S Dist		N/S Ref		E/W Dist		E/W Ref		Gr Elev (ft)		Orig KB Elev											
YATES PETROLEUM CORP					VERTICAL		330 0		FNL		330 0		FEL		3,395.00		3,413.00											
Depth In (ftKB)					Depth Out (ft)		Depth Drill		Job Drill Hr		Avg ROP																	
552 0					2,257 0		1,705 00		33 75		50 5																	
Jobs																												
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location		Drill Hrs																		
071990		2,021,000 00		8,200.0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A		57 25																		
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date																						
26,400 00		291,342 00				4,198 00																						
Day No		Report End Date		Formation		Lithology		Present Operations																				
4		9/17/2007 05 59		SURFACE		SALT		DRILLING																				
Hole Direction: VERTICAL - Original Hole, 9/17/2007 5:59.0..					Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)															
ftKB (MD)					2,257 0		981 0		1,276 00		22.00		58 0															
Remarks																												
Avg Background Gas (unit)					Max Background Gas (unit)					Avg Connection Gas (unit)					Max Connection Gas (unit)													
Avg Trip Gas (unit)					Max Trip Gas (unit)					Flare																		
Mud Checks																												
Weight (lb/gal)					Chlorides (ppm)					Calcium (ppm)					Solids (%)					LCM								
10 00					126,000																							
Funnel Viscosity (s/qt)					PV (cp)					YP (lb/100ft ²)					Gel 10 sec (lb/100ft ²)					Gel 10 min (lb/100ft ²)					pH			
28																									11 0			
Water Loss (mL/30min)					Filter Cake (3/32")					KCl (%)					Percent Oil (%)													
Comment																												
Time Log																												
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment														
06 00		0 50		06 30		0 50		DRILLING		981 0		1,043 0																
06 30		0 75		07 15		1 25		SERVICE RIG		1,043 0																		
07 15		0 25		07 30		1 50		SURVEY - MWD						88° 251 13 AZM @ 998'														
07 30		3 50		11 00		5 00		DRILLING		1,043 0		1,261 0																
11 00		0 25		11 15		5 25		SURVEY - MWD		1,261 0				97° 259 81 AZM @ 1216'														
11:15		3 75		15 00		9 00		DRILLING		1,261 0		1,510 0																
15 00		0 25		15 15		9 25		SURVEY - MWD		1,510 0				70° 266.21 AZM @ 1465'														
15:15		5 25		20 30		14 50		DRILLING		1,510 0		1,821 0																
20 30		0 25		20 45		14 75		SURVEY - MWD		1,821 0				88° 263 94 AZM @ 1776'														
20 45		6 00		02 45		20 75		DRILLING		1,821 0		2,132 0																
02:45		0 25		03 00		21 00		SURVEY - MWD		2,132 0				97° 241 26 AZM @ 2087'														
03 00		3 00		06 00		24 00		DRILLING		2,132 0		2,257 0																
Daily Costs																												
Cost Description					Cost Details					Cost					Vendor													
Drilling, Daywork										16,500 00					SILVER OAK DRILLING													
Drilling Water, Fueline Rental					Water Hauling										AMERICAN SAFETY													
Drilling Mud & Additives															BAROID													
Tools&Equip					Down Hole Equip., B.O.P. Rental					800 00					TRIUMPH DRILLING TOOLS													
Supervision & Overhead - Drilling										1,000 00					YPC													
Supervision & Overhead - Drilling					Trailer Rental					65 00					CHARLIE'S ROUSTABOUT SERVICE													
Supervision & Overhead - Drilling					Communication					100 00					PASON													
Tools&Equip					Down Hole Equip., B.O.P. Rental					7,660 00					PATHFINDER													
Tools&Equip					Rntl Trkg & Welding-Drilling					200 00					LITE TOWER													
Tools&Equip					Rntl Trkg & Welding-Drilling					75 00					AMERICAN SAFETY													
Daily Contacts																												
Job Contact					Company					Phone Mobile																		
JIM KROGMAN, DRLG SUPERINTENDENT					YATES					505-365-8340																		
Job Contact					Company					Phone Mobile																		
TERRY DOSHER, DRILLING CONSULTANT					RGI					505-399-8285																		
Job Contact					Company					Phone Mobile																		
EDWARD CHAVEZ, TOOLPUSHER					SILVER OAK					505-513-1314																		
Job Contact					Company					Phone Mobile																		
RIG FLOOR - 6, RIG PHONE					SILVER OAK					505-513-2114																		
Job Contact					Company					Phone Mobile																		
MARGRETHE HOTTER, ENGINEER					YATES					505-703-0749																		
Job Contact					Company					Phone Mobile																		
RAY PODANY, GEOLOGIST					YATES					505-365-4190																		
Job Contact					Company					Phone Mobile																		
JANET RICHARDSON, LANDMAN					YATES																							
Rigs																												
Rig Contractor					Rig Number					KB from GL (ft)					Rig Type													
SILVER OAK DRILLING COMPANY					6					18 00					Drilling - Tnple													
Mud Pumps - 1																												
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)																		
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800 0		2 1/2																		
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)																				
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0 066																				

5

0

18

39

58

100

509

511

550

552

1,533

2,054

2,056

2,149

2,155

2,186

2,194

2,200

2,223

2,226

2,255

2,257

4,050

6,300

7,400

8,200

Conductor, 18-58

Original Hole, 26, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

Surface, 18-552

Surface, 13 3/8, 18, 534.0

Original Hole, 11, 552-2,257

TD, 2,257, 9/15/2007



Yates Daily Drilling Report

Report Date: 9/17/2007

GLOW WORM ALX FEDERAL #14

Report #: 30.0

Day # 4

Pump Checks	
Pump Number	Date
1	9/17/2007 05 59
Depth (ftKB)	2,257 0
Slow Spd	No
Strokes (spm)	90
Pressure (psi)	1,200 0

Mud Pumps - 2	
No	Start Date
2	4/17/2007 00 00
Make	Gardner-Denver
Model	PZ-9
Pwr (hp)	800 0
Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2
Start Date	4/17/2007 00 00
End Date	4/20/2008 00 00
Maximum Pressure (psi)	
Vol/Str - 100% (bbl/s)	0 066

Pump Checks	
Pump Number	Date
2	9/17/2007 05 59
Depth (ftKB)	2,237 0
Slow Spd	No
Strokes (spm)	90
Pressure (psi)	1,200 0

Safety Checks	
Date	Description
Type	Comment

Mud Additive Amounts	
Description	Type
Lime	PH Control
Consumed	2.0 sacks
Description	Type
Caustic Soda	PH Control
Consumed	4 0 sacks
Description	Type
Zeogel	Viscosifier
Consumed	60 0 sacks

Drill Strings: BHA #5, Steerable	
Bit Number	Drill Bit
3	Bit # 3 - 11 M70PR ER20079
Depth In (ftKB)	981 0
Depth Out (ftKB)	2,257 0
Drilled (ft)	1,276 00
Drill Time (hrs)	22 00
BHA ROP (ft/hr)	58 0
String Length (ft)	2,218 32
String Wt (1000lb)	89
OD (in)	8 063
IADC Bit Dull	-----
TFA (in)	
Nozzles (3/32)	15/15/15/15

Drill Form - Drilling Parameters 981.0 ftKB - 2,257.0 ftKB -	
WOB (1000lb)	RPM (rpm)
20	70
Motor R	72
Bit RPM	142
SPP (psi)	1,200 0
G (flow) (g)	482
Rot String Wt (100)	95
PU Str Wt (100)	97
SO Str Wt (100)	93

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	X95	16 60		1,494 00	48
Drill Collar	6 1/4	2 500		87 36		521 17	17
XO Sub	8	2 500				2 20	1
Drill Collar	8	2 500		153 88		92.93	3
Reamer - 3 Pt	8	2 500				6.10	1
Drill Collar	8	2 500		153 88		31 15	1
Reamer - 3 Pt	8	2 500				7 20	1
Drill Collar - Non Mag	8 1/16	2.500				29.77	1
Float Sub	8 1/16	2 500				2.60	1
Mud Motor	7 3/4	2 500				29 20	1

Casing Strings	
Casing Description	Run Date
Conductor	9/10/2007 16 00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	58 0
OD (in)	20
ID (in)	19 124
Casing Description	Run Date
Surface	9/13/2007 21 00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	552 0
OD (in)	13 3/8
ID (in)	12 715

General - Rig- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	SEC 4/TWN
Hole Direction	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00

Survey Data	
Date	Description
9/16/2007 7 15 00 AM	General - Rig
Measured Depth (ftKB)	998 00
Inclination (°)	0 88
Azimuth (°)	251 13
9/16/2007 11 00 00 AM	General - Rig
Measured Depth (ftKB)	1,216.00
Inclination (°)	0 97
Azimuth (°)	259 81
9/16/2007 3 00 00 PM	General - Rig
Measured Depth (ftKB)	1,465 00
Inclination (°)	0.70
Azimuth (°)	266 21
9/16/2007 8 30 00 PM	General - Rig
Measured Depth (ftKB)	1,776 00
Inclination (°)	0 88
Azimuth (°)	263 94
9/17/2007 2 45 00 AM	General - Rig
Measured Depth (ftKB)	2,087 00
Inclination (°)	0 97
Azimuth (°)	241 26

Hole Direction: VERTICAL - Original Hole, 9/17/2007 5 59:0	
ftKB (MD)	Schematic - Actual
-5	
0	
18	Original Hole, 26, 18-58
39	Conductor, 18-58
58	Conductor, 20, 18, 40 0
100	Original Hole, 17 1/2, 58-552
509	
511	
550	
552	Surface, 18-552
1,533	Surface, 13 3/8, 18, 534 0
2,054	Original Hole, 11, 552-2,257
2,056	
2,149	
2,155	
2,186	
2,194	
2,200	
2,223	
2,226	
2,255	
2,257	TD, 2,257, 9/15/2007
4,050	
6,300	
7,400	
8,200	



Yates Daily Drilling Report

Report Date: 9/16/2007

Report #: 29.0

GLOW WORM ALX FEDERAL #14

Day # 3

Bit Record					API/UWI		County		State		Surface Legal Location						
Bit Number	Drill Bit	Dull Out	Nozzles (3/32")														
3	Bit # 3 - 11, M70PR, ER20079		15/15/15/15		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A									
Operator YATES PETROLEUM CORP					Hole Direction VERTICAL		N/S Dist 330 0	N/S Ref FNL	E/W Dist 330 0	E/W Ref FEL	Gr Elev (ft) 3,395 00	Orig KB Elev 3,413 00					
Depth In (ft) 552 0	Depth Out (ft) 981 0	Depth Drill 1,705 00	Job Drill Hr 33 75	Avg ROP 50 5													
Jobs																	
AFE Number 071990		Total AFE 2,021,000 00		Tgt Depth (ft) 8,200 0		Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 4/TWN 23S/RNG 31E/UNT A						Drill Hrs 57 25			
Daily Cost Total 36,325 00		Cum Cost To Date 264,942 00		Daily Mud Cost		Mud Additive Cost To Date 4,198 00											
Day No 3		Report End Date 9/16/2007 05 59		Formation SURFACE		Lithology SALT		Present Operations DRILLING									
Depth End (ft) 981 0		Depth Start (ft) 552 0		Depth Progress (ft) 429 00		Drilling Hours (hrs) 11 75		Average ROP (ft/hr) 36 5									
Hole Direction: VERTICAL - Original Hole, 9/16/2007 5:59:0 - Schematic - Actual																	
Remarks																	
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)					
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare									
Mud Checks																	
Weight (lb/gal) 9 60		Chlorides (ppm) 126,000		Calcium (ppm)		Solids (%)		LCM									
Funnel Viscosity (s/gt) 28		PV (cp)		YP (lb/100ft²)		Gel 10 sec (lb/100ft²)		Gel 10 min (lb/100ft²)		pH 11 0							
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)											
Comment																	
Time Log																	
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)		Comment			
06 00		4 75		10 45		4.75		TEST BOP						TEST TO 1300# HOLD F/ 30 MIN - FINAL PSI - 1230#			
10 45		2 25		13 00		7 00		PICK UP BHA						TEST MOTOR			
13 00		2 50		15 30		9 50		TRIP IN									
15 30		0 75		16 15		10 25		DRILL CEMENT AND/OR FLOAT EQUIPMENT						TAG CEMENT @ 505'			
16 15		0 50		16 45		10 75		TEST CASING						START PSI - 1275# / FINAL PSI - 1225#			
16 45		0 25		17 00		11 00		DRILL CEMENT AND/OR FLOAT EQUIPMENT									
17 00		0 75		17 45		11 75		DRILLING		552 0		557 0		RESUME DRILLING @ 5 45 PM MST 9/15/07			
17 45		0 75		18 30		12 50		TEST FORMATION		557 0				START PSI - 625# / FINAL PSI - 600#			
18 30		1 25		19 45		13 75		DRILLING		557 0		610 0					
19 45		0 25		20 00		14 00		SURVEY - MWD		610 0				6° - 296.3 AZM @ 665'			
20 00		5 50		01 30		19 50		DRILLING		610 0		794 0					
01 30		0 25		01 45		19 75		SURVEY - MWD		794 0				79° - 251.28 AZM @ 747'			
01 45		2 25		04 00		22 00		DRILLING		794 0		934 0					
04 00		0 25		04 15		22 25		RIG REPAIR		934 0				WORK ON # 2 PUMP			
04 15		1 75		06 00		24 00		DRILLING		934 0		981 0					
Daily Costs																	
Cost Description		Cost Details		Cost		Vendor											
Drilling, Daywork				16,500 00		SILVER OAK DRILLING											
Drilling Water, Fasline Rental		Water Hauling				AMERICAN SAFETY											
Drilling Mud & Additives						BAROID											
Tools&Equip Rntl Trkg & Welding-Drilling		Down Hole Equip, B.O.P. Rental		800 00		TRIUMPH DRILLING TOOLS											
Supervision & Overhead - Drilling				1,000 00		YPC											
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE											
Supervision & Overhead - Drilling		Communication		100 00		PASON											
Tools&Equip Rntl Trkg & Welding-Drilling		Down Hole Equip, B.O.P. Rental		7,660 00		PATHFINDER											
Tools&Equip Rntl Trkg & Welding-Drilling				200 00		LITE TOWER											
Bits, Tool & Supplies Purchase - Drilling				10,000 00		SMITH BITS											
Daily Contacts																	
Job Contact		Company		Phone Mobile													
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340													
Job Contact		Company		Phone Mobile													
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285													
Job Contact		Company		Phone Mobile													
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314													
Job Contact		Company		Phone Mobile													
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114													
Job Contact		Company		Phone Mobile													
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749													



Yates Daily Drilling Report

Report Date: 9/16/2007

GLOW WORM ALX FEDERAL #14

Report #: 29.0

Day # 3

Daily Contacts	
Job Contact RAY PODANY, GEOLOGIST	Company YATES
Job Contact JANET RICHARDSON, LANDMAN	Company YATES
Phone Mobile 505-365-4190	
Phone Mobile	
Rigs	
Rig Contractor SILVER OAK DRILLING COMPANY	Rig Number 6
KB from GL (ft) 18 00	Rig Type Drilling - Triple
Mud Pumps - 1	
No 1	Start Date 4/17/2007 00 00
Make Gardner-Denver	Model PZ-9
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 5 1/2	Start Date 4/17/2007 00 00
End Date 4/20/2008 00 00	Maximum Pressure (psi) 100% (bbVs) 0 066
Pump Checks	
Pump Number 1	Date 9/16/2007 05 59
Depth (ftKB) 981 0	Slow Spd No
Strokes (spm) 90	Pressure (psi) 1,000 0
Mud Pumps - 2	
No 2	Start Date 4/17/2007 00 00
Make Gardner-Denver	Model PZ-9
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 5 1/2	Start Date 4/17/2007 00 00
End Date 4/20/2008 00 00	Maximum Pressure (psi) 100% (bbVs) 0 066
Pump Checks	
Pump Number 2	Date 9/16/2007 05 59
Depth (ftKB) 981 0	Slow Spd No
Strokes (spm) 90	Pressure (psi) 1,000 0
Safety Checks	
Date	Description
Type	Comment
Mud Additive Amounts	
Description	Type
Consumed	Units
Drill Strings: BHA #4, Steerable	
Bit Number 3	Drill Bit Bit # 3 - 11, M70PR, ER20079
Depth In (ftKB) 552 0	Depth Out (ftKB) 981 0
Drilled (ft) 429 00	Drill Time (hrs) 11.75
BHA ROP (ft) 36 5	
String Length (ft) 942.32	String Wt (1000lb) 68
OD (in) 11 000	IADC Bit Dull -----
TFA (in) 15/15/15/15/15	Nozzles (3/32")
Drill Form - Drilling Parameters 552.0 ftKB - 981.0 ftKB -	
WOB (1000lb) 25	RPM (rpm) 72
Motor R 72	Bit RPM 144
SFP (psi) 1,000 0	Q (flow) (g) 450
Rot 75	String Wt (100) 78
SO Str Wt (100) 72	
Item Description	
OD (in)	ID (in)
Grade	Mass/Len (lbs/ft)
Top Thread	Len (ft)
Jts	
Drill Pipe	4 1/2
3 826	X95
16 60	218 00
7	
Drill Collar	6 1/4
2 500	87 36
521.17	17
XO Sub	8
2 500	2.20
1	
Drill Collar	8
2 500	153 88
92 93	3
Reamer - 3 Pt	8
2 500	6 10
1	
Drill Collar	8
2 500	153 88
31 15	1
Reamer - 3 Pt	11
2 500	7 20
1	
Drill Collar - Non Mag	8 1/16
2 500	29 77
1	
Float Sub	8 1/16
2 500	2 60
1	
Mud Motor	7 3/4
2 500	29 20
1	
Casing Strings	
Casing Description	Run Date
Conductor	9/10/2007 16 00
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 58 0
OD (in) 20	ID (in) 19.124
Casing Description	Run Date
Surface	9/13/2007 21 00
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 552 0
OD (in) 13 3/8	ID (in) 12 715
General - Rig - Original Hole	
Wellbore Name Original Hole	Parent Wellbore
Bottom Hole Legal Location SEC 4/TWN 23S/RNG 31E/UNT A	Hole Direction VERTICAL
Job New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00	
Survey Data	
Date 9/15/2007 7 30.00 PM	Description General - Rig
Measured Depth (ftKB) 665 00	Inclination (°) 0 60
Azimuth (°) 296 30	
Date 9/16/2007 1 15 00 AM	Description General - Rig
Measured Depth (ftKB) 747 00	Inclination (°) 0 79
Azimuth (°) 251 28	

Hole Direction: VERTICAL - Original Hole, 9/16/2007 5:59:00 PM

ftKB (MD) Schematic - Actual

5

0

18

39

58

100

257

509

511

550

552

778

780

873

879

910

917

947

950

979

981

2,200

2,257

4,050

6,300

7,400

8,200

Conductor, 18-58

Original Hole, 28, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

Surface, 18-552

Surface, 13 3/8, 18, 534 0

Original Hole, 11, 552-2,257

TD, 2,257, 9/15/2007



Yates Daily Drilling Report

Report Date: 9/15/2007

GLOW WORM ALX FEDERAL #14

Report #: 28.0

Day # 2

Bit Record					API/UWI		County		State		Surface Legal Location					
Bit Number	Drill Bit	Dull Out	Nozzles (I/32")		3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A					
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator		Hole Direction		N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev		
					YATES PETROLEUM CORP		VERTICAL		330 0	FNL	330 0	FEL	3,395 00	3,413 00		
Jobs																
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location							Drill Hrs	
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A							57 25	
Daily Cost Total					Cum Cost To Date					Daily Mud Cost					Mud Additive Cost To Date	
32,174 00					228,617 00										4,198 00	
Day No		Report End Date		Formation		Lithology		Present Operations								
2		9/15/2007 05 59		SURFACE				TEST BOP								
Hole Direction: VERTICAL - Original Hole, 9/15/2007 5 59.0...					Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)			
ftKB (MD)					552 0		552 0		0 00							
Remarks																
Avg Background Gas (unit)					Max Background Gas (unit)					Avg Connection Gas (unit)					Max Connection Gas (unit)	
Avg Trip Gas (unit)					Max Trip Gas (unit)					Flare						
Mud Checks																
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM								
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH						
Water Loss (mL/30min)		Filter Cake (I/32")		KCl (%)		Percent Oil (%)										
Comment																
Time Log																
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment		
06 00		8 50		14 30		8 50		WAIT ON CEMENT								
14 30		2 50		17 00		11 00		RIG REPAIR						REPAIR AIR COMPRESSOR IN LIGHT PLANT		
17 00		2 50		19 30		13 50		CUT OFF CASING/WELD ON WELLHEAD						INSTALL 13 5/8 WELL HEAD		
19 30		8 50		04 00		22 00		NIPPLE UP/DOWN BOP STACK								
04 00		2 00		06 00		24.00		TEST BOP						TESTING BOP W/ RIG PUMP / HAD TO BREAK BOP BACK LOOSE & CHANGE OUT RING GASKETS		
Daily Costs																
Cost Description					Cost Details					Cost		Vendor				
Drilling, Daywork										16,500 00		SILVER OAK DRILLING				
Drilling Water, Fasline Rental					Water Hauling					5,174 00		AMERICAN SAFETY				
Drilling Mud & Additives												BAROID				
Tools&Equip					Down Hole Equip., B O P Rental							TRIUMPH DRILLING TOOLS				
Rntl Trkg & Welding-Drilling										1,000 00		YPC				
Supervision & Overhead - Drilling					Communication					100 00		PASON				
Supervision & Overhead - Drilling					Trailer Rental					65 00		CHARLIE'S ROUSTABOUT SERVICE				
Tools&Equip										725 00		FLAMING EAGLE				
Rntl Trkg & Welding-Drilling					Down Hole Equip., B O P Rental					7,410 00		PATHFINDER				
Tools&Equip										1,200 00		LITE TOWER				
Rntl Trkg & Welding-Drilling																
Daily Contacts																
Job Contact					Company					Phone Mobile						
JIM KROGMAN, DRLG SUPERINTENDENT					YATES					505-365-8340						
Job Contact					Company					Phone Mobile						
TERRY DOSHER, DRILLING CONSULTANT					RGI					505-399-8285						
Job Contact					Company					Phone Mobile						
EDWARD CHAVEZ, TOOLPUSHER					SILVER OAK					505-513-1314						
Job Contact					Company					Phone Mobile						
RIG FLOOR - 6, RIG PHONE					SILVER OAK					505-513-2114						
Job Contact					Company					Phone Mobile						
MARGRETHE HOTTER, ENGINEER					YATES					505-703-0749						
Job Contact					Company					Phone Mobile						
RAY PODANY, GEOLOGIST					YATES					505-365-4190						
Job Contact					Company					Phone Mobile						
JANET RICHARDSON, LANDMAN					YATES											
Rigs																
Rig Contractor					Rig Number					KB from GL (ft)		Rig Type				
SILVER OAK DRILLING COMPANY					6					18 00		Drilling - Tnple				
Mud Pumps - 1																
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)						
1		4/17/2007 00 00		Gardner-Denver		PZ-9		800 0		2 1/2						
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Stk - 100% (bb/s)								
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0 066								

Original Hole, 26, 18-58

Conductor, 18-58

Original Hole, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

Surface, 13 3/8, 18, 534 0 TD, 552, 9/12/2007

Surface, 18-552



Yates Daily Drilling Report

Report Date: 9/15/2007

GLOW WORM ALX FEDERAL #14

Report #: 28.0

Day # 2

Mud Pumps - 2					
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)
2	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bbl/s)	
5 1/2	4/17/2007 00 00	4/20/2008 00 00		0 066	
Safety Checks					
Date	Description	Type	Comment		
Mud Additive Amounts					
Description	Type	Consumed	Units		
Casing Strings					
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	9/10/2007 16 00	18 0	58 0	20	19.124
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Surface	9/13/2007 21 00	18.0	552 0	13 3/8	12 715
General - Rig - Original Hole					
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job	
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00	
Survey Data					
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)	
	General - Rig				

Hole Direction: VERTICAL - Original Hole, 9/15/2007 5:59:00	ftKB (MD)	Schematic - Actual
-5		
0		
18		Original Hole, 26, 18-58
58		Conductor, 18-58
		Conductor, 20, 18, 40.0
100		
509		Original Hole, 17 1/2, 58-552
511		
550		
552		Surface, 13 3/8, 18, 534.0
		Surface, 18-552
		TD, 552, 9/12/2007
2,200		
4,050		
6,300		
7,400		
8,200		



Yates Daily Drilling Report

Report Date: 9/14/2007

GLOW WORM ALX FEDERAL #14

Report #: 27.0

Day # 1

Bit Record					API/UWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozz/ies (32")	3001535316		EDDY		NEW MEXICO		SEC 4/TWN 23S/RNG 31E/UNT A					
2	Bit # 2 - 17 1/2, GA535, D22213	-----	16/16/16	Operator		Hole Direction		N/S Dist	N/S Ref	E/W Dist	E/W Ref	G/E Elev (ft)	Org KB Elev		
58 0	552 0	494 00	20 50	YATES PETROLEUM CORP.		VERTICAL		330 0	FNL	330 0	FEL	3,395 00	3,413 00		
Jobs															
AFE Number		Total AFE		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location						Drill Hrs	
071990		2,021,000 00		8,200 0		BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A						23 50	
Daily Cost Total				Cum Cost To Date				Daily Mud Cost				Mud Additive Cost To Date			
68,153 00				196,443 00								4,198 00			
Day No	Report End Date			Formation		Lithology		Present Operations							
1	9/14/2007 05 59			SURFACE				WAIT ON CEMENT							
Hole Direction: VERTICAL - Original Hole, 9/14/2007 5.59-0..		Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)					
ftKB (MD)		552 0		347 0		205 00		10 25		20 0					
Remarks															
Avg Background Gas (unit)				Max Background Gas (unit)				Avg Connection Gas (unit)				Max Connection Gas (unit)			
Avg Trip Gas (unit)				Max Trip Gas (unit)				Flare							
Mud Checks															
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM							
9.30															
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH					
29										9.0					
Water Loss (mL/30min)				Filter Cake (1/32")				KCl (%)		Percent Oil (%)					
Comment															
Time Log															
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment								
06 00	6 00	12 00	6 00	DRILLING	347 0	439 0									
12 00	0 50	12 30	6 50	SERVICE RIG	439 0										
12 30	0 25	12 45	6 75	SURVEY - WIRELINE			3/4" @ 397'								
12 45	4 75	17 30	11 50	DRILLING	439 0	552 0	TD SURFACE @ 5 30 PM MST 9-13-07 / NOTIFIED KENT CAFFALL OF PRESENT OPERATIONS								
17 30	0 50	18 00	12 00	PUMP SWEEP AROUND	552 0										
18 00	0 25	18 15	12 25	SURVEY - WIRELINE			3/4" @ 522'								
18 15	2 50	20 45	14 75	TRIP OUT			LAYDOWN BHA								
20 45	4 00	00 45	18 75	RUN CASING			RU CASERS / HOLD SAFETY MEETING / RUN 13 JTS 13 3/8 CASING								
00 45	0 75	01 30	19 50	RIG UP CEMENTER AND CIRCULATE			RD CASERS / HOLD SAFETY MEETING W/ CEMENTERS								
01 30	1 75	03 15	21 25	CEMENTING			CEMENT W/ 325 SXS LITE - 200 SXS C W/ 2% CACL2 / BUMP PLUG TO 700# / FLOATS HELD / CIRC 83 SXS TO PIT / RD CEMENTERS								
03 15	2 75	06 00	24 00	WAIT ON CEMENT											
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fasline Rental		Water Hauling				AMERICAN SAFETY									
Drilling Mud & Additives						BAROID									
Tools&Equip Rntl Trkg & Welding-Drilling		Down Hole Equip, B O P Rental		800 00		TRIUMPH DRILLING TOOLS									
Supervision & Overhead - Drilling				1,000 00		YPC									
Supervision & Overhead - Drilling		Communication		100 00		PASON									
Supervision & Overhead - Drilling		Trailer Rental		65 00		CHARLIE'S ROUSTABOUT SERVICE									
Cementing - Surface & Intermediate Casing				24,000 00		YATES YARD									
Cementing - Surface & Intermediate Casing				733 00		CHARLIE'S ROUSTABOUT SERVICE									
Cementing - Surface & Intermediate Casing				2,623 00		WEATHERFORD									
Tools&Equip Rntl Trkg & Welding-Drilling				512 00		FLAMING EAGLE									
Cementing - Surface & Intermediate Casing				19,918 00		DOWELL SCHLUMBERGER									
Casing		Casing Crews		1,902 00		ALLEN'S CASING									
Daily Contacts															
Job Contact		Company		Phone Mobile											
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340											
Job Contact		Company		Phone Mobile											
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285											

www.peloton.com

Page 1/2

Report Printed: 9/14/2007



Yates Daily Drilling Report

Report Date: 9/14/2007

Report #: 27.0

GLOW WORM ALX FEDERAL #14

Day # 1

Hole Direction: VERTICAL - Original Hole, 9/14/2007 5:59:00		Schematic - Actual	
Daily Contacts			
Job Contact	EDWARD CHAVEZ, TOOLPUSHER	Company	SILVER OAK
Job Contact	RIG FLOOR - 6, RIG PHONE	Company	SILVER OAK
Job Contact	MARGRETHE HOTTER, ENGINEER	Company	YATES
Job Contact	RAY PODANY, GEOLOGIST	Company	YATES
Job Contact	JANET RICHARDSON, LANDMAN	Company	YATES
Rigs			
Rig Contractor	SILVER OAK DRILLING COMPANY	Rig Number	6
KB from GL (ft)	18 00	Rig Type	Drilling - Triple
Mud Pumps - 1			
No	1	Start Date	4/17/2007 00:00
Make	Gardner-Denver	Model	PZ-9
Pwr (hp)	800 0	Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2	Start Date	4/17/2007 00:00
End Date	4/20/2008 00:00	Maximum Pressure (psi)	Vol/Str 100% (bb/s)
			0 066
Pump Checks			
Pump Number	1	Date	9/14/2007 05:59
Depth (ftKB)	552 0	Slow Spd	No
Strokes (spm)	95	Pressure (psi)	700 0
Mud Pumps - 2			
No	2	Start Date	4/17/2007 00:00
Make	Gardner-Denver	Model	PZ-9
Pwr (hp)	800 0	Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2	Start Date	4/17/2007 00:00
End Date	4/20/2008 00:00	Maximum Pressure (psi)	Vol/Str 100% (bb/s)
			0 066
Safety Checks			
Date	9/13/2007 20:45	Description	Type
			Safety Meeting
Comment	SAFETY MEETING W/ CASERS		
Date	9/14/2007 00:45	Description	Type
			Safety Meeting
Comment	SAFETY MEETING W/ CEMENTERS		
Mud Additive Amounts			
Description	Type	Consumed	Units
Drill Strings: BHA #3, Pendulum			
Bit Number	2	Drill Bit	Depth In (ftKB)
Depth Out (ftKB)	205 00	Drilled (ft)	Drill Time (hrs)
BHA ROP (ft/hr)	20 0		
String Length (ft)	553 75	String Wt (1000lb)	47
OD (in)	17 000	ADC Bit Dull	TF A (in)
Nozzles (3/32")	16/16/16		
Drill Form - Drilling Parameters 347.0 ftKB - 552.0 ftKB -			
WOB (1000lb)	35	RPM (rpm)	70
Motor R	70	Bit RPM	70
SPP (psi)	700 0	Q (flow) (g)	379
Rot String Wt (100)	42	PU Str Wt (100)	45
SO Str Wt (100)	40		
Item Description			
OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)
Top Thread	Len (ft)	Jts	
Drill Pipe	4 1/2	3 826 X95	16 60
62 00			2
Drill Collar	6	2 500	79 29
338 00			11
XO Sub	7 15/16	2 313	2 20
2 20			1
Drill Collar	8	2 500	153 88
92 93			3
IBS - Integrated Blade Stabilizer	17	2 500	4 30
4 30			1
Drill Collar	8	2 500	153 88
31 15			1
Shock Sub	8	2 500	13 77
13 77			1
Reamer	17	2 500	7 40
7 40			1
Casing Strings			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)
Conductor	9/10/2007 16:00	18 0	58 0
OD (in)	ID (in)		
20	19 124		
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)
Surface	9/13/2007 21:00	18 0	552 0
OD (in)	ID (in)		
13 3/8	12 715		
General - Rig - Original Hole			
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL
		Job New Drilling, New Well, Drilling & Completions on 4/17/2007 00:00	
Survey Data			
Date	Description	Measured Depth (ftKB)	Inclination (°)
9/13/2007 12:35:00 PM	General - Rig	397 00	0 75
Azimuth (°)	0 00		
Date	Description	Measured Depth (ftKB)	Inclination (°)
9/13/2007 6:00:00 PM	General - Rig	522 00	0 75
Azimuth (°)	0 00		

5

0

18

58

100

509

511

550

552

2,200

4,050

6,300

7,400

8,200

Conductor, 18-58

Original Hole, 28, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

Surface, 13 3/8, -5, 556 7 TD, 552, 9/12/2007

Surface, 18-552



Yates Daily Drilling Report

Report Date: 9/13/2007
Report #: 26.0

GLOW WORM ALX FEDERAL #14

Day # 0

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number 2	Drill Bit Bit # 2 - 17 1/2, GA535, D22213	Dull Out -----	Nozzles (3/2") 16/16/16		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A				
Operator YATES PETROLEUM CORP	Hole Direction VERTICAL	N/S Dist 330 0	E/W Dist 330 0	FEL	Gr Elev (ft) 3,395.00	Orig KB Elev 3,413.00						
Jobs												
AFE Number 071990	Total AFE 2,021,000.00	Tgt Depth (ftKB) 8,200 0	Target Formation BONE SPRINGS	Bottom Hole Legal Location SEC 4/TWN 23S/RNG 31E/UNT A			Drill Hrs 204.00					
Daily Cost Total 128,290.00	Cum Cost To Date 128,290.00	Daily Mud Cost 4,198.00	Mud Additive Cost To Date									
Day No 0	Report End Date 9/13/2007 05:59	Formation SURFACE	Lithology	Present Operations DRILLING								
Depth End (ftKB) 347 0	Depth Start (ftKB) 58 0	Depth Progress (ft) 289 00	Drilling Hours (hrs) 10.25	Average ROP (ft/hr) 28.2								
Hole Direction VERTICAL - Original Hole, 9/13/2007 5.59 0... ftKB (MD) Schematic - Actual												
Remarks												
Avg Background Gas (1/unit) Max Background Gas (1/unit) Avg Connection Gas (1/unit) Max Connection Gas (1/unit)												
Avg Trip Gas (1/unit) Max Trip Gas (1/unit) Flare												
Mud Checks												
Weight (lb/gal) 8.50	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM								
Funnel Viscosity (s/qt) 33	FV (cp)	YP (lb/100ft ³)	Gel 10 sec (lb/100ft ³)	Gel 10 min (lb/100ft ³)	pH 9.0							
Water Loss (mL/30min)	Filter Cake (3/2")	KCl (%)	Percent Oil (%)									
Comment												
Time Log												
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment					
06:00	12:00	18:00	12:00	RIG UP			MAKE UP BHA					
18:00	1:50	19:30	13:50	MIX SPUD MUD								
19:30	8:75	04:15	22:25	DRILLING	58 0	245 0	RESUME DRILLING @ 7:30 PM MST 9/12/07 - NOTIFIED KENT CAFFAL W/ CARLSBAD BLM OF PRESENT OPERATIONS					
04:15	0:25	04:30	22:50	SURVEY - WIRELINE	245.0		3/4" @ 205'					
04:30	1:50	06:00	24:00	DRILLING	245 0	347 0						
Daily Costs												
Cost Description		Cost Details		Cost	Vendor							
Staking, Permit & Legal Fees				5,000.00								
Location, Right-of-Way		Fencing & Pit Lining		35,000.00								
Drilling, Daywork				16,500.00	SILVER OAK DRILLING							
Drilling, Daywork		Mobilization		50,000.00	WILBANKS TRUCKING							
Drilling, Daywork		Rathole		7,000.00	BUTCH'S RATHOLE SERVICE							
Drilling Water, Fasline Rental		Water Hauling		4,000.00	AMERICAN SAFETY							
Drilling Water, Fasline Rental		Potable water		200.00								
Drilling Mud & Additives				4,198.00	BAROID							
Tools & Equip				427.00	FLAMING EAGLE							
Rntl Trkg & Welding-Drilling												
Tools & Equip		Down Hole Equip, BOP Rental		800.00	TRIUMPH DRILLING TOOLS							
Rntl Trkg & Welding-Drilling												
Control of Well-Insurance - Drilling				1,500.00								
Supervision & Overhead - Drilling				1,000.00	YPC							
Supervision & Overhead - Drilling		Communication		100.00	PASON							
Supervision & Overhead - Drilling		Trailer Rental		65.00	CHARLIE'S ROUSTABOUT SERVICE							
Bits, Tool & Supplies Purchase - Drilling				2,500.00	HY-JET							
Daily Contacts												
Job Contact		Company		Phone Mobile								
JIM KROGMAN, DRLG SUPERINTENDENT		YATES		505-365-8340								
Job Contact		Company		Phone Mobile								
TERRY DOSHER, DRILLING CONSULTANT		RGI		505-399-8285								
Job Contact		Company		Phone Mobile								
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK		505-513-1314								
Job Contact		Company		Phone Mobile								
RIG FLOOR - 6, RIG PHONE		SILVER OAK		505-513-2114								
Job Contact		Company		Phone Mobile								
MARGRETHE HOTTER, ENGINEER		YATES		505-703-0749								
Job Contact		Company		Phone Mobile								
RAY PODANY, GEOLOGIST		YATES		505-365-4190								
Job Contact		Company		Phone Mobile								
JANET RICHARDSON, LANDMAN		YATES										
Rigs												
Rig Contractor		Rig Number	KB from GL (ft)	Rig Type								
SILVER OAK DRILLING COMPANY		6	18 00	Drilling - Tnple								
Mud Pumps - 1												
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)							
1	4/17/2007 00:00	Gardner-Denver	PZ-9	800 0	2 1/2							
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Str - 100% (bbl/s)								
5 1/2	4/17/2007 00:00	4/20/2008 00:00		0.066								



Yates Daily Drilling Report

Report Date: 9/13/2007

GLOW WORM ALX FEDERAL #14

Report #: 26.0

Day # 0

Pump Checks	
Pump Number	Date
1	9/13/2007 05 59
Depth (ftKB)	Slow Spd
347 0	No
Strokes (spm)	Pressure (psi)
95	700 0

Mud Pumps - 2	
No	Start Date
2	4/17/2007 00 00
Make	Model
Gardner-Denver	PZ-9
Pwr (hp)	Rod Dia (in)
800 0	2 1/2
Liner Size (in)	Start Date
5 1/2	4/17/2007 00 00
End Date	Maximum Pressure (psi)
4/20/2008 00 00	
Vol/Stk	100% (bb/s)
	0 066

Safety Checks	
Date	Description
9/12/2007 18 00	Pre Spud Inspection
Type	Comment

Mud Additive Amounts	
Description	Type
Consumed	Units

Drill Strings: BHA #2, Pendulum	
Bit Number	Drill Bit
2	Bit # 2 17 1/2 GAS35, D22213
Depth In (ftKB)	Depth Out (ftKB)
58 0	347 0
Drilled (ft)	Drill Time (hrs)
289 00	10 25
BHA ROP (ft/v)	
28 2	
String Length (ft)	String Wt (1000lb)
307 94	31
OD (in)	IADC Bit Out
17 000	-----
TFA (in)	Nozzles (32")
	16/16/16

Drill Form - Drilling Parameters 58.0 ftKB - 347.0 ftKB -	
WOB (1000lb)	RPM (rpm)
20	70
Motor R	Bit RPM
	70
SPP (psi)	Q Flow (g)
700 0	379
Rot String Wt (	PU Str Wt (100
36	38
SO Str Wt (100	
33	

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Collar	6	2.500		79 29		154 19	5
XO Sub	7 15/16	2 313				2 20	1
Drill Collar	8	2.500		153.88		92 93	3
IBS - Integrated Blade Stabilizer	17	2.500				4 30	1
Drill Collar	8	2.500		153.88		31 15	1
Shock Sub	8	2.500				13 77	1
Reamer	17	2.500				7 40	1

Casing Strings	
Casing Description	Run Date
Conductor	9/10/2007 16 00
Depth Cut Pull (ft)	Set Depth (ftKB)
18 0	58 0
OD (in)	ID (in)
20	19 124

General - Rig- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL
Job	
New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00	

Survey Data	
Date	Description
9/13/2007 4.15 00 AM	General - Rig
Measured Depth (ftKB)	Inclination (°)
205 00	0.75
Azimuth (°)	
0.00	

Hole Direction: VERTICAL - Original Hole, 9/13/2007 5:59 0, ftKB (MD)

Schematic - Actual

0

18

39

58

100

193

196

288

293

324

338

345

347

550

552

2,200

4,050

6,300

7,400

8,200

Conductor, 18-58

Original Hole, 26, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-552

TD, 552, 9/12/2007



Yates Daily Drilling Report

Report Date: 9/12/2007

Report #: 25.0

GLOW WORM ALX FEDERAL #14

Day # 2

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (/32")		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A				
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator	Hole Direction	N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev
					YATES PETROLEUM CORP	VERTICAL	330 0	FNL	330 0	FEL	3,395 00	3,413 00
Jobs												
AFE Number		Total AFE		Tgt Depth (ftKB)	Target Formation		Bottom Hole Legal Location			Drill Hrs		
071990		2,021,000 00		8,200 0	BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A			3 00		
Daily Cost Total				Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date				
Day No	Report End Date		Formation		Lithology		Present Operations					
2	9/12/2007 05 59		SURFACE				MOVE IN ROTARY TOOLS					
Hole Direction: VERTICAL - Original Hole, 9/12/2007 5 59:0												
ftKB (MD) Schematic - Actual												
Depth End (ftKB)					Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)	
58 0					58 0		0 00					
Remarks												
Avg Background Gas (/unit) Max Background Gas (/unit) Avg Connection Gas (/unit) Max Connection Gas (/unit)												
Avg Trip Gas (/unit) Max Trip Gas (/unit) Flare												
Mud Checks												
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM				
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft)		Gel 10 sec (lb/100ft)		Gel 10 min (lb/100ft)		pH		
Water Loss (mL/30min)		Filter Cake (/32")		KCl (%)		Percent Oil (%)						
Comment												
Time Log												
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment					
06 00	24 00	06 00	24 00	MOVE IN ROTARY TOOLS			DUDLEY LINED PITS / MOVE IN ROTARY TOOLS & START RIGGING UP / SHOULD RESUME DRILLING +/- PM 9/12/07					
Daily Contacts												
Job Contact					Company			Phone Mobile				
JIM KROGMAN, DRLG SUPERINTENDENT					YATES			505-365-8340				
Job Contact					Company			Phone Mobile				
TERRY DOSHER, DRILLING CONSULTANT					RGI			505-399-8285				
Job Contact					Company			Phone Mobile				
EDWARD CHAVEZ, TOOLPUSHER					SILVER OAK			505-513-1314				
Job Contact					Company			Phone Mobile				
RIG FLOOR - 6, RIG PHONE					SILVER OAK			505-513-2114				
Job Contact					Company			Phone Mobile				
MARGRETHE HOTTER, ENGINEER					YATES			505-703-0749				
Job Contact					Company			Phone Mobile				
RAY PODANY, GEOLOGIST					YATES			505-365-4190				
Job Contact					Company			Phone Mobile				
JANET RICHARDSON, LANDMAN					YATES							
Rigs												
Rig Contractor					Rig Number	KB from GL (ft)	Rig Type					
SILVER OAK DRILLING COMPANY					6	18 00	Drilling - Tnple					
Mud Pumps - 1												
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)							
1	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2							
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Stk - 100% (bbl/s)								
5 1/2	4/17/2007 00 00	4/20/2008 00 00		0 066								
Mud Pumps - 2												
No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)							
2	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2							
Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)	Vol/Stk - 100% (bbl/s)								
5 1/2	4/17/2007 00 00	4/20/2008 00 00		0 066								
Safety Checks												
Date	Description	Type	Comment									
Mud Additive Amounts												
Description	Type	Consumed	Units									
Casing Strings												
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)							
Conductor	9/10/2007 16 00	18 0	58 0	20	19 124							
General - Rig- Original Hole												
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location		Hole Direction	Job							
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A		VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00							
Survey Data												
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)								
	General - Rig											



Yates Daily Drilling Report

Report Date: 9/11/2007

Report #: 24.0

GLOW WORM ALX FEDERAL #14

Day # 1

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number 1	Drill Bit Bit # 1 - 26, <Model?>, <SN?>	Dull Out -----	Nozzles (1/32")		3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A				
Operator YATES PETROLEUM CORP					Hole Direction VERTICAL		N/S Dist 330 0	N/S Ref FNL	E/W Dist 330 0	E/W Ref FEL	Gr Elev (ft) 3,395 00	Orig KB Elev 3,413 00
Depth In (ftKB) 18 0	Depth Out (ft) 58 0	Depth Drill 40 00	Job Drill Hr 3 00	Avg ROP 13 3	Jobs							
					A/E Number 071990	Total A/E 2,021,000 00	Tgt Depth (ftKB) 8,200 0	Target Formation BONE SPRINGS	Bottom Hole Legal Location SEC 4/TWN 23S/RNG 31E/UNT A			Drill Hrs 3 00
					Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date	
					Day No 1	Report End Date 9/11/2007 05 59	Formation SURFACE	Lithology	Present Operations STAND BY - WAITING ON ROTARY TOOLS			
Hole Direction: VERTICAL - Original Hole, 9/11/2007 5 59.0.					Depth End (ftKB) 58 0	Depth Start (ftKB) 18 0	Depth Progress (ft) 40 00	Drilling Hours (hrs) 3 00	Average ROP (ft/hr) 13 3			
ftKB (MD)					Remarks							
					Avg Background Gas (l/unit)		Max Background Gas (l/unit)		Avg Connection Gas (l/unit)		Max Connection Gas (l/unit)	
					Avg Trip Gas (l/unit)		Max Trip Gas (l/unit)		Flare			
					Mud Checks							
					Weight (lb/gal)	Chlorides (ppm)	Calcium (ppm)	Solids (%)	LCM			
					Funnel Viscosity (s/qt)	PV (cp)	YP (lb/100ft ²)	Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	pH		
					Water Loss (mL/30min)	Filter Cake (1/32")	KCl (%)	Percent Oil (%)				
					Comment							
					Time Log							
					Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
					06:00	10 00	16 00	10 00	STAND BY - WAITING ON ROTARY TOOLS			
					16 00	3 00	19 00	13 00	SET CONDUCTOR			BUTCH'S SET 40' OF 20" CASING / DUG RAT& MOUSE HOLE / NOTIFIED KENT CAFFALL W/ CARLSBAD BLM OF SPUD TIME & DATE / WELL SPUDDED @ 4.00 PM MST 9/10/07
					19.00	11 00	06.00	24 00	STAND BY - WAITING ON ROTARY TOOLS			DUDLEY'S TO LINE PITS THIS AM / RIG TO MOVE IN THIS AM
					Daily Contacts							
					Job Contact	Company			Phone Mobile			
					JIM KROGMAN, DRLG SUPERINTENDENT	YATES			505-365-8340			
					Job Contact	Company			Phone Mobile			
					TERRY DOSHER, DRILLING CONSULTANT	RGI			505-399-8285			
					Job Contact	Company			Phone Mobile			
					EDWARD CHAVEZ, TOOLPUSHER	SILVER OAK			505-513-1314			
					Job Contact	Company			Phone Mobile			
					RIG FLOOR - 6, RIG PHONE	SILVER OAK			505-513-2114			
					Job Contact	Company			Phone Mobile			
					MARGRETHE HOTTER, ENGINEER	YATES			505-703-0749			
					Job Contact	Company			Phone Mobile			
					RAY PODANY, GEOLOGIST	YATES			505-365-4190			
					Job Contact	Company			Phone Mobile			
					JANET RICHARDSON, LANDMAN	YATES						
					Rigs							
					Rig Contractor	Rig Number			KB from GL (ft)	Rig Type		
					SILVER OAK DRILLING COMPANY	6			18 00	Drilling - Tnple		
					Mud Pumps - 1							
					No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)		
					1	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2		
					Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)		
					5 1/2	4/17/2007 00 00	4/20/2008 00 00			0 066		
					Mud Pumps - 2							
					No	Start Date	Make	Model	Pwr (hp)	Rod Dia (in)		
					2	4/17/2007 00 00	Gardner-Denver	PZ-9	800 0	2 1/2		
					Liner Size (in)	Start Date	End Date	Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)		
					5 1/2	4/17/2007 00 00	4/20/2008 00 00			0 066		
					Safety Checks							
					Date	Description	Type	Comment				
					Mud Additive Amounts							
					Description	Type	Consumed (Units)					
					Drill Strings: BHA #1, Rathole							
					Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft)	
					1	Bit # 1 - 26 <Model?>, <SN?>	18 0	58 0	40 00	3.00	13 3	
					String Length (ft)	String Wt (1000lb)	OD (in)	IADC Bit Dull	TFA (in)	Nozzles (1/32")		
					40 00	5	8 000	-----				
					Drill Conductor - Drilling Parameters 18.0 ftKB - 58.0 ftKB -							
					WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	Q (flow) (g)	Rot String Wt (100)	SO Str Wt (100)
					20	40		40				



Yates Daily Drilling Report

Report Date: 9/11/2007

Report #: 24.0

GLOW WORM ALX FEDERAL #14

Day # 1

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Collar	8	3 000		146 49		37 00	1
Casing Strings							
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)		
Conductor	9/10/2007 16 00	18 0	58 0	20	19 124		
General - Rig- Original Hole							
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job			
Original Hole		SEC 4/TWN 23S/RNG 31E/UNT A	VERTICAL	New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00			
Survey Data							
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)			
	General - Rig						

Hole Direction. VERTICAL - Original Hole, 9/11/2007 5:59:0.	ftKB (MD)	Schematic - Actual
	0	
	18	
	58	Original Hole, 26, 18-58 Conductor, 20, 18, 40 0 TD, 58, 9/10/2007
	100	
	550	
	2,200	
	4,050	
	6,300	
	7,400	
	8,200	



Yates Daily Drilling Report

Report Date: 9/10/2007

Report #: 23.0

GLOW WORM ALX FEDERAL #14

Day # 0

Bit Record				API/UWI	County	State	Surface Legal Location					
Bit Number	Drill Bit	Dull Out	Nozzles (32")	3001535316	EDDY	NEW MEXICO	SEC 4/TWN 23S/RNG 31E/UNT A					
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator	Hole Direction	N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev
					YATES PETROLEUM CORP	VERTICAL	330 0	FNL	330 0	FEL	3,395 00	3,413 00
Jobs												
AFE Number		Total AFE		Tgt Depth (ftKB)	Target Formation		Bottom Hole Legal Location			Drill Hrs		
071990		2,021,000 00		8,200 0	BONE SPRINGS		SEC 4/TWN 23S/RNG 31E/UNT A			3 00		
Daily Cost Total				Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date				
Day No		Report End Date		Formation		Lithology		Present Operations				
0		9/10/2007 05 59		SURFACE				STAND BY - WAITING ON ROTARY TOOLS				
Hole Direction: VERTICAL - Original Hole, 9/10/2007 5:59:00												
ftKB (MD) Schematic - Actual												
Depth End (ftKB)												
Depth Start (ftKB)												
Depth Progress (ft)												
Drilling Hours (hrs)												
Average ROP (ft/hr)												
Remarks												
Avg Background Gas (unit)												
Max Background Gas (unit)												
Avg Connection Gas (unit)												
Max Connection Gas (unit)												
Avg Trip Gas (unit)												
Max Trip Gas (unit)												
Flare												
Mud Checks												
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM				
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH		
Water Loss (mL/30min)		Filter Cake (32")		KCl (%)		Percent Oil (%)						
Comment												
Time Log												
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)
06 00		24 00		06.00		24 00		STAND BY - WAITING ON ROTARY TOOLS				
BUTCH'S TO SET CONDUCTOR & DIG RAT & MOUSE HOLES TODAY												
Daily Contacts												
Job Contact		Company				Phone Mobile						
JIM KROGMAN, DRUG SUPERINTENDENT		YATES				505-365-8340						
Job Contact		Company				Phone Mobile						
TERRY DOSHER, DRILLING CONSULTANT		RGI				505-399-8285						
Job Contact		Company				Phone Mobile						
EDWARD CHAVEZ, TOOLPUSHER		SILVER OAK				505-513-1314						
Job Contact		Company				Phone Mobile						
RIG FLOOR - 6, RIG PHONE		SILVER OAK				505-513-2114						
Job Contact		Company				Phone Mobile						
MARGRETHE HOTTER, ENGINEER		YATES				505-703-0749						
Job Contact		Company				Phone Mobile						
RAY PODANY, GEOLOGIST		YATES				505-365-4190						
Job Contact		Company				Phone Mobile						
JANET RICHARDSON, LANDMAN		YATES				505-365-4190						
Rigs												
Rig Contractor		Rig Number				KB from GL (ft)		Rig Type				
SILVER OAK DRILLING COMPANY		6				18 00		Drilling - Triple				
Mud Pumps - 1												
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)		
1		4/17/2007 00:00		Gardner-Denver		PZ-9		800 0		2 1/2		
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Stk - 100% (bb/s)				
5 1/2		4/17/2007 00 00		4/20/2008 00 00				0.066				
Mud Pumps - 2												
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)		
2		4/17/2007 00:00		Gardner-Denver		PZ-9		800 0		2 1/2		
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Stk - 100% (bb/s)				
5 1/2		4/17/2007 00:00		4/20/2008 00 00				0.066				
Safety Checks												
Date		Description		Type		Comment						
Mud Additive Amounts												
Description		Type		Consumed Units								
Casing Strings												
Casing Description		Run Date		Depth Cut Pull (ft)		Set Depth (ftKB)		OD (in)		ID (in)		
General - Rig- Original Hole												
Wellbore Name		Parent Wellbore		Bottom Hole Legal Location		Hole Direction		Job				
Original Hole				SEC 4/TWN 23S/RNG 31E/UNT A		VERTICAL		New Drilling, New Well, Drilling & Completions on 4/17/2007 00 00				
Survey Data												
Date		Description		Measured Depth (ftKB)		Inclination (°)		Azimuth (°)				
		General - Rig										