



Yates Daily Drilling Report

Report Date: 11/22/2007

GLOW WORM ALX FEDERAL #11

Report #: 34.0

Day # 1

Safety Checks	
Date	Description

Mud Additive Amounts	
Description	Type
Caustic Soda	Alkalinity control
	Consumed 10 Units sacks
Lime	Alkalinity control
	Consumed 20 Units sacks
Fresh Gel	
	Consumed 300 Units sacks

Drill Strings: BHA #5, Packed Hole							
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)	
2	Bit # 2 - 17 1/2 XRTG MR6798	124 0	500 0	376 00	23 75	15 8	

Drill Form - Drilling Parameters 124.0 ftKB - 500.0 ftKB -							
WOB (1000lbf)	RPM (rpm)	Motor R.	Bit RPM	SPP (psi)	Q (flow) (g)	Rot. String Wt (lb)	PU Str Wt (100)
34	85		85	800.0	369	34	35

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Collar	6 1/2	2 250		99 45		275 41	9
XO Sub	7 15/16	2 313				2 22	1
Drill Collar	8	2 500		153 88		125 65	4
Combo - Stabilizer	8	2 500				4 25	1
Drill Collar	8	2 500		153 88		31 14	1
Shock Sub	8	2 500				9 66	1
Reamer - 3 Pt	8 1/2					7 39	1

Casing Strings			
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)
Conductor	11/17/2007 18:30		58 0

General Rig Survey- Original Hole			
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction
Original Hole		SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL

Survey Data			
Date	Description	Measured Depth (ftKB)	Inclination (°)
11/21/2007 2 00:00 PM	General Rig Survey	238.00	0 50

Hole Direction: VERTICAL - Original Hole, 11/22/2007 5:59:15 KB (MD)	
Schematic - Actual	
0	
18	
43	
58	Conductor, 18-58
100	
318	
321	
446	
450	
481	
491	
498	
500	
550	
564	TD, 564, 11/21/2007
2,200	
4,050	
7,400	
8,200	

GLOW WORM ALX FEDERAL #11

Day # 1

Bit Record				API/UVI		County		State		Surface Legal Location	
Bit Number	Drill Bit	Drill Out	Nozzles (32")	3001535313		EDDY		NEW MEXICO		SEC 3/TWN 23S/RNG 31E/UNT C	
2	Bit # 2 - 17 1/2, XRTG, MR6798	2-2-B	15/15/15	Operator		Hole Direction		N/S Dist		N/S Ref	
Depth In (ftKB)		Depth Out (ft)		YATES PETROLEUM CORP		VERTICAL		330 0		FNL	
58 0		500 0		Job Drill Hr		Avg ROP		E/W Dist		E/W Ref	
		510 00		28 75		17 7		2,310 0		FWL	
								Gr Elev (ft)		Orig KB Elev	
								3,438 00		3,456 00	
Jobs											
AFE Number		Total AFE Amount		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location		Drill Hrs	
073220		1,983,700 00		8,200 0		BONE SPRINGS		SEC 3/TWN 23S/RNG 31E/UNT C		46 75	
Daily Cost Total				Cum Cost To Date				Daily Mud Cost			
36,339 82				90,910 31							
Day No		Report End Date		Formation at Report Time		Lithology		Present Operations			
1		11/22/2007 05 59		SURFACE		ANHYDRITE		DRILLING			
Hole Direction: VERTICAL - Original Hole, 11/22/2007 5 59'											
ftKB (MD) Schematic - Actual											
Remarks											
DRILL NEW HOLE											
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 40											
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft²)		Gel 10 sec (lb/100ft²)		Gel 10 min (lb/100ft²)		pH	
33										10 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)	
06 00		8 00		14 00		8 00		DRILLING		124 0	
14 00		0 25		14 15		8 25		SURVEY - WIRELINE		280 0	
14 15		15 75		06 00		24 00		DRILLING		280 0	
										500 0	
										DRILL NEW HOLE	
Daily Costs											
Cost Description				Cost Details				Cost		Vendor	
Drilling, Daywork								16,500 00		SILVER OAK DRILLING	
Drilling Water, Fasline Rental				Potable water				55 00		ACT EQUIPMENT	
Supervision & Overhead - Drilling								1,000 00		RGI INC	
Tools & Equip Rental, Etc - Completions				Other Rentals				15 00		DUDLEY SALES & SERVICE	
Casing Inspection - All Strings								866 13		CHARLIE'S ROUSTABOUT SERVICE	
Supervision & Overhead - Drilling				Trailer Rental				75 00		CHARLIE'S ROUSTABOUT SERVICE	
Supervision & Overhead - Drilling				Trailer Rental				500 00		CHARLIE'S ROUSTABOUT SERVICE	
Drilling, Power & Fuel								13,009 21		THOMAS PETROLEUM	
Bits, Tool & Supplies Purchase - Drilling								1,000 00		ULTERRA	
Casing								3,319 48		DAVIS-LYNCH	
Daily Contacts											
Job Contact								Company		Phone Mobile	
GENE CUTRELL, DRILLING CONSULTANT								RGI		575-369-6418	
Job Contact								Company		Phone Mobile	
TIM BUSSELL, DRLG SUPERINTENDENT								YATES		575-365-5695	
Job Contact								Company		Phone Mobile	
RIG FLOOR - 6, RIG PHONE								SILVER OAK		575-513-2114	
Job Contact								Company		Phone Mobile	
JOSH HEDRICK, TOOLPUSHER								SILVER OAK		575-513 2117	
Job Contact								Company		Phone Mobile	
MIKE HILL, ENGINEER								YATES		505-365-8706	
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		11/19/2007 06 00		Continental Emsco		F 800		800 0		2 1/2	
Liner Size (in)				Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)	
				11/19/2007 06 00		7/31/2008 05 59					
Pump Checks											
Pump Number		Date		Depth (ftKB)		Slow Spd		Strokes (spm)		Pressure (psi)	
1		11/22/2007 05 59		500 0		No					



Yates Daily Drilling Report

Report Date: 11/23/2007

GLOW WORM ALX FEDERAL #11

Report #: 35.0

Day # 2

Daily Contacts		
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 1	Start Date 11/19/2007 06 00	
Make Continental Emsco	Model F 800	
Pwr (hp) 800 0	Rod Dia (in) 2 1/2	
Liner Size (in)	Start Date 11/19/2007 06 00	
End Date 7/31/2008 05 59	Maximum Pressure (psi)	
Vol/Stk - 100% (bbl/s)		
Pump Checks		
Pump Number 1	Date 11/23/2007 05 59	
Depth (ftKB) 564 0	Slow Spd No	
Strokes (spm) 0	Pressure (psi) 0.0	
Mud Pumps - 2		
No 2	Start Date 11/19/2007 00 00	
Make Continental Emsco	Model F 800	
Pwr (hp) 800 0	Rod Dia (in) 2 1/2	
Liner Size (in)	Start Date 11/19/2007 06 00	
End Date 7/31/2008 05 59	Maximum Pressure (psi)	
Vol/Stk - 100% (bbl/s)		
Pump Checks		
Pump Number 2	Date 11/23/2007 05 59	
Depth (ftKB) 564 0	Slow Spd No	
Strokes (spm) 100	Pressure (psi) 800 0	
Safety Checks		
Date 11/22/2007 14:00	Description	
Type Safety Meeting	Comment SAFTY MEETING WITH RIG CREW , CASING CREW & CEMENTERS	
Mud Additive Amounts		
Description Lime	Type Alkalinity control	
Consumed 1 0	Units sacks	
Description Fresh Gel	Type	
Consumed 25 0	Units sacks	
Drill Strings: BHA #6, Packed Hole		
Bit Number 2	Drill Bit Bit # 2 - 17 1/2 XRTG, M9798	
Depth in (ftKB) 500.0	Depth Out (ftKB) 564 0	
Drilled (ft) 64.00	Drill Time (hrs) 3 00	
BHA ROP (ft/hr) 21 3		
String Length (ft) 538.68	String Wt (1000lb) 60	
OD (in) 8 500	ADC Bit Dull 2-2-BT-A-4-0-	
TFA (in) 15/15/15	Nozzles (32")	
Drill Form - Drilling Parameters 500.0 ftKB - 564.0 ftKB -		
WOB (1000lb) 40	RPM (rpm) 75	
Motor R 75	SPP (psi) 800 0	
G (flow) (g) 370	Rot String Wt. (lb) 40	
PU Str Wt (100) 45	SO Str Wt (100) 38	
Item Description		
Drill Collar	OD (in) 6 1/2	
ID (in) 2 250	Grade 99.45	
Mass/Len (lbs/ft) 356 87	Top Thread 12	
Len (ft) 7 15/16	Jts 2 22	
XO Sub	2 313	4
Drill Collar	8	2 500
153 88	125 65	4
Combo - Stabilizer	8	2 500
4 25	31 14	1
Drill Collar	8	2 500
153 88	9 66	1
Shock Sub	8	2 500
7 39		1
Reamer - 3 Pt	8 1/2	
Casing Strings		
Casing Description Conductor	Run Date 11/17/2007 18 30	
Depth Cut Pull (ft) 58 0	Set Depth (ftKB) 20	
OD (in) 19 124	ID (in)	
Casing Description Surface	Run Date 11/22/2007 14 00	
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 13 3/8	
OD (in) 12 715	ID (in)	
General Rig Survey- Original Hole		
Wellbore Name Original Hole	Parent Wellbore	
Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C	Hole Direction VERTICAL	
Job New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00		
Survey Data		
Date 11/22/2007 2 00 00 PM	Description General Rig Survey	
Measured Depth (ftKB) 564 00	Inclination (°) 1 25	
Azimuth (°) 0 00		

Hole Direction: VERTICAL - Original Hole, 11/23/2007 5:59:11 KB (MD)

Schematic - Actual

Original Hole, 26, 18-58

Conductor, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 13 3/8, -1, 565 1 TD, 564, 11/21/2007

Surface, 18-564

2,200

4,050

7,400

8,200



Yates Daily Drilling Report

Report Date: 11/23/2007

Report #: 35.0

GLOW WORM ALX FEDERAL #11

Day # 2

Bit Record					API/LWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (/32")												
2	Bit # 2 - 17 1/2, XRTG, MR6798	2-2-B	15/15/15		3001535313	EDDY	NEW	MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C						
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	2,310 0	FWL	3,438 00	3,456 00			
Depth In (ft)					Depth Out (ft)		Depth Drill		Job Drill Hr		Avg ROP				
58 0					564 0		510 00		28 75		17 7				
Jobs															
AFE Number		Total AFE Amount		Tgt Depth (ft)		Target Formation		Bottom Hole Legal Location				Drill Hrs			
073220		1,983,700 00		8,200 0		BONE SPRINGS		SEC 3/TWN 23S/RNG 31E/UNT C				46 75			
Daily Cost Total				Cum Cost To Date				Daily Mud Cost				Mud Additive Cost To Date			
59,114 38				150,024 69											
Day No		Report End Date		Formation at Report Time		Lithology		Present Operations							
2		11/23/2007 05 59		SURFACE		ANHYDRITE		WAIT ON CEMENT							
Hole Direction VERTICAL - Original Hole, 11/23/2007 5 59															
ft (MD)					Schematic - Actual										
Depth End (ft)					Depth Start (ft)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)				
564 0					500 0		64 00		3 00		21 3				
Remarks															
W-O-C															
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 40															
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft)		Gel 10 sec (lb/100ft)		Gel 10 min (lb/100ft)		pH					
33				4 00						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 (ft)		Depth End (ft)		Comment	
06 00		2 00		08 00		2 00		DRILLING		500 0		545 0		DRILL NEW HOLE	
08 00		1 00		09 00		3 00		RIG REPAIR		545 0		545 0		ROTARY BUSHING	
09 00		1 00		10 00		4 00		DRILLING		545 0		564 0		DRILL NEW HOLE	
10 00		0 25		10 15		4 25		SURVEY - WIRELINE		564 0				WLS @ 564' - 1 25"	
10 15		0 50		10 45		4 75		CIRCULATE		564 0				CIRCULATE SWEEP & SPOT PILL ON BOTTOM	
10 45		2 50		13 15		7 25		TRIP OUT		564 0				T-O-O-H & LWY DOWN 17 5 BHA	
13 15		2 50		15 45		9 75		RUN CASING		564 0				RUN 13 JONTS OF 13 3/8 CASING	
15 45		0 50		16 15		10 25		CIRCULATE		564 0				CIRCULATE CASING	
16 15		2 50		18 45		12 75		CEMENTING		564 0				RIG UP SCHLUMBERGER & CEMENT CASING, LEAD 265 SKS. 35/65 POZ C WITH 6% D20 + 3% S1 + 5PPS 0 125PPS / TAIL 200 SKS C NEET WITH 2% S1, PLUG DOWN @ 18 13 WITH 500 PSI OVER, FLOAT HELD	
18 45		11 25		06 00		24 00		WAIT ON CEMENT		564 0				W-O-C	
Daily Costs															
Cost Description				Cost Details				Cost		Vendor					
Drilling, Daywork								16,500 00		SILVER OAK DRILLING					
Drilling Water, Fasline Rental				Potable water				55 00		ACT EQUIPMENT					
Supervision & Overhead - Drilling								1,000 00		RGI INC.					
Tools & Equip Rental, Etc - Completions				Other Rentals				15 00		DUDLEY SALES & SERVICE					
Supervision & Overhead - Drilling				Trailer Rental				75 00		CHARLIE'S ROUSTABOUT SERVICE					
Tools & Equip Rntl Trkg & Welding - Drilling								767 13		MAN WELDING					
Casing				Casing Crews				3,150 00		BULL RODGERS CASING					
Cementing - Surface & Intermediate Casing								16,724 52		DOWELL SCHLUMBERGER					
Casing								17,362 40		YATES YARD					
Bits, Tools & Supplies - Completion								2,529 33		YATES YARD					
Drilling Water, Fasline Rental				Water Hauling				936 00		SIERRA					
Daily Contacts															
Job Contact								Company		Phone Mobile					
GENE CUTRELL, DRILLING CONSULTANT								RGI		575-369-6418					
Job Contact								Company		Phone Mobile					
TIM BUSSELL, DRLG SUPERINTENDENT								YATES		575-365-5695					
Job Contact								Company		Phone Mobile					
RIG FLOOR - 6, RIG PHONE								SILVER OAK		575-513-2114					
Job Contact								Company		Phone Mobile					
JOSH HEDRICK, TOOLPUSHER								SILVER OAK		575-513 2117					
Job Contact								Company		Phone Mobile					
MIKE HILL, ENGINEER								YATES		505-365-8706					
Job Contact								Company		Phone Mobile					
RAY PODANY, GEOLOGIST								YATES		505-365-4190					

Original Hole, 26, 18-58

Conductor, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 13 3/8, -1, 565 1 TD, 564, 11/21/2007

Surface, 18-564



Yates Daily Drilling Report

Report Date: 11/24/2007

GLOW WORM ALX FEDERAL #11

Report #: 36.0

Day # 3

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 11/19/2007 06 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 11/19/2007 06 00	End Date 7/31/2008 05 59
Maximum Pressure (psi)	Vol/Stk 100% (bbl/s)

Pump Checks	
Pump Number 1	Date 11/24/2007 05 59
Depth (ftKB) 569.0	Slow Spd No
Strokes (spm) 100	Pressure (psi) 700.0

Mud Pumps - 2	
No 2	Start Date 11/19/2007 00 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 11/19/2007 06 00	End Date 7/31/2008 05 59
Maximum Pressure (psi)	Vol/Stk 100% (bbl/s)

Pump Checks	
Pump Number 2	Date 11/24/2007 05 59
Depth (ftKB) 569 0	Slow Spd No
Strokes (spm) 100	Pressure (psi) 700 0

Safety Checks	
Date	Description
Type	Comment

Mud Additive Amounts	
Description	Type
Consumed	Units

Casing Strings	
Casing Description Conductor	Run Date 11/17/2007 18 30
Depth Cut Pull (ft) 58 0	Set Depth (ftKB) 20
OD (in) 19 124	ID (in) 12.715
Casing Description Surface	Run Date 11/22/2007 14 00
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 564 0
OD (in) 13 3/8	ID (in) 12.715

General Rig Survey- Original Hole	
Wellbore Name Original Hole	Parent Wellbore SEC 3/TWN 23S/RNG 31E/UNT C
Bottom Hole Legal Location VERTICAL	Job New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00

Survey Data	
Date	Description
Measured Depth (ftKB)	Inclination (°)
Azimuth (°)	

Hole Direction: VERTICAL - Original Hole, 11/24/2007 5 59: ftKB (MD)	
Schematic - Actual	
-1	
0	
18	Original Hole, 26, 18-58
58	Conductor, 18-58
	Conductor, 20, 18, 40 0
100	
516	Original Hole, 17 1/2, 58-564
518	
550	
563	
564	Surface, 13 3/8, 18, 546 0
	TD, 564, 11/21/2007
2,200	Surface, 18-564
4,050	
7,400	
8,200	



Yates Daily Drilling Report

Report Date: 11/24/2007

Report #: 36.0

GLOW WORM ALX FEDERAL #11

Day # 3

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number	Drill Bit	Drift Out	Nozzles (3/32")		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C				
Depth In (ft)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Operator	Hole Direction	N/S Dist	N/S Ret	E/W Dist	E/W Ret	Gr Elev (ft)	Org KB Elev
					YATES PETROLEUM CORP	VERTICAL	330 0	FNL	2,310 0	FWL	3,438 00	3,456 00
Jobs												
AFE Number	Total AFE Amount		Tgt Depth (ft)		Target Formation		Bottom Hole Legal Location			Drill Hrs		
073220	1,983,700 00		8,200 0		BONE SPRINGS		SEC 3/TWN 23S/RNG 31E/UNT C			46 75		
Daily Cost Total		Cum Cost To Date		Daily Mud Cost		Mud Additive Cost To Date						
28,456 77		178,481 46										
Day No	Report End Date	Formation at Report Time		Lithology		Present Operations						
3	11/24/2007 05 59	TOP OF SALT		SALT		WAIT ON EQUIPMENT						
Hole Direction: VERTICAL - Original Hole, 11/24/2007 5 59 -												
ftKB (MD) Schematic - Actual												
Remarks												
WAIT ON HYDROMATIC												
Avg Background Gas (unit)			Max Background Gas (unit)			Avg Connection Gas (unit)			Max Connection Gas (unit)			
Avg Trp Gas (unit)			Max Trp Gas (unit)			Flare						
Mud Checks												
Weight (lb/gal)		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM				
9 60												
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 (32")		KGI (%)		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 00	07 00	1 00	WAIT ON CEMENT	564 0	564 0						
07 00	4 00	11 00	5 00	CUT OFF CASING/WELD ON WELLHEAD	564 0							
11 00	3 75	14 45	8 75	NIPPLE UP/DOWN BOP STACK	564 0							
14 45	0 50	15 15	9 25	TEST BOP	564 0		TEST BOP WITH RIG PUMP					
15 15	1 00	16 15	10 25	NIPPLE UP/DOWN BOP STACK	564 0		WELD FLOW LINE					
16 15	3 50	19 45	13 75	WAIT ON EQUIPMENT	564 0		W-O-CROWS FOOT					
19 45	0 75	20 30	14 50	TRIP IN	564 0							
20 30	2 75	23 15	17 25	DRILL CEMENT PLUGS	564 0		TAG @ 515'					
23 15	0 50	23 45	17 75	TEST CASING	564 0		TEST CASING TO 1000 PSI , OK					
23 45	0 50	00 15	18 25	DRILLING	564 0	569 0	DRILL CEMENT AND 5' OF NEW HOLE					
00 15	0 50	00 45	18 75	TEST FORMATION	569 0		TEST FORMATION TO 600 PSI , OK					
00 45	5 25	06 00	24 00	WAIT ON EQUIPMENT	569 0		W-O-HYDROMATIC					
Daily Costs												
Cost Description		Cost Details		Cost	Vendor							
Drilling, Daywork				16,500 00	SILVER OAK DRILLING							
Drilling Water, Fasline Rental		Potable water		55 00	ACT EQUIPMENT							
Supervision & Overhead - Drilling				1,000 00	RGI INC.							
Tools & Equip Rental, Etc - Completions		Other Rentals		15 00	DUDLEY SALES & SERVICE							
Supervision & Overhead - Drilling		Trailer Rental		75 00	CHARLIE'S ROUSTABOUT SERVICE							
Tools & Equip Rntl Trkg & Welding - Drilling				811 77	FLAMING EAGLE							
Bits, Tool & Supplies Purchase - Drilling				10,000 00	SMITH BITS							
Daily Contacts												
Job Contact					Company		Phone Mobile					
GENE CUTRELL, DRILLING CONSULTANT					RGI		575-369-6418					
Job Contact					Company		Phone Mobile					
TIM BUSSELL, DRLG SUPERINTENDENT					YATES		575-365-5695					
Job Contact					Company		Phone Mobile					
RIG FLOOR - 6, RIG PHONE					SILVER OAK		575-513-2114					
Job Contact					Company		Phone Mobile					
JOSH HEDRICK, TOOLPUSHER					SILVER OAK		575-513 2117					
Job Contact					Company		Phone Mobile					
MIKE HILL, ENGINEER					YATES		505-365-8706					
Job Contact					Company		Phone Mobile					
RAY PODANY, GEOLOGIST					YATES		505-365-4190					
Job Contact					Company		Phone Mobile					
JANET RICHARDSON, LANDMAN					YATES							



Yates Daily Drilling Report

Report Date: 11/25/2007

GLOW WORM ALX FEDERAL #11

Report #: 37.0

Day # 4

Liner Size (in)	5 1/2	Start Date	11/24/2007 06:00	End Date	11/25/2007 05:59	Maximum Pressure (psi)	Vol/Str - 100% (bbl/s)
0.066							
Pump Checks							
Pump Number	2	Date	11/25/2007 05:59	Depth (ftKB)	1,620.0	Slow Spd	No
				Strokes (spm)	100	Pressure (psi)	1,450.0
Safety Checks							
Date				Description	Type	Comment	
Mud Additive Amounts							
Description				Type	Consumed		Units
Caustic Soda				Alkalinity control	2.0		sacks
Description				Type	Consumed		Units
Lime				Alkalinity control	3.0		sacks
Description				Type	Consumed		Units
Paper				LCM	5.0		sacks
Description				Type	Consumed		Units
Salt Water Gel					45.0		sacks
Drill Strings: BHA #7, Slick							
Bit Number	3	Drill Bit	11 MV16L PX JX7128	Depth In (ftKB)	569.0	Depth Out (ftKB)	1,620.0
		Drilled (ft)	1,051.00	Drill Time (hrs)	14.00	BHA ROP (ft/hr)	75.1
String Length (ft)	1,581.15	String Wt (1000lb)	97	OD (in)	8.000	ADC Bit Dull	
		TFA (in)		Nozzles (1/32")	11/11/11/11/11/11/11		
Drill Form - Drilling Parameters 569.0 ftKB - 1,620.0 ftKB -							
WOB (1000lb)	10	RPM (rpm)	80	Motor R	80	SPP (psi)	1,450.0
		Q (flow) (g)	444	Rot. String Wt (lb)	43	PU Str Wt (100)	44
		SO Str Wt (100)	42				
Item Description		OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)
Drill Pipe		4 1/2	3.826	E	16.60		840.38
Drill Collar		6 1/2	2.250		99.45		550.72
XO Sub		7 15/16	2.313				2.22
Drill Collar		8	2.500		153.88		186.33
Jts		6					
Casing Strings							
Casing Description	Run Date	Depth Cuf Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)		
Conductor	11/17/2007 18:30	58.0	20	19.124			
Casing Description	Run Date	Depth Cuf Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)		
Surface	11/22/2007 14:00	18.0	564.0	13 3/8	12.715		
General Rig Survey- Original Hole							
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job			
Original Hole		SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL	New Drilling, New Well, Drilling & Completions on 7/27/2007 06:00			
Survey Data							
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)			
11/24/2007 8:30:00 PM	General Rig Survey	801.00	1.00	0.00			
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)			
11/24/2007 11:15:00 PM	General Rig Survey	1,051.00	1.25	0.00			
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)			
11/25/2007 2:45:00 AM	General Rig Survey	1,301.00	1.25	0.00			

Hole Direction: VERTICAL - Original Hole, 11/25/2007 5:59
ftKB (MD) Schematic - Actual

18- Original Hole, 26, 18-58
Conductor, 18-58
Conductor, 20, 18, 40.0
Original Hole, 17 1/2, 58-564
Surface, 18-564
Surface, 13 3/8, 18, 546.0
Original Hole, 11, 569-1,620
TD, 1,620, 11/24/2007



Yates Daily Drilling Report

Report Date: 11/25/2007

GLOW WORM ALX FEDERAL #11

Report #: 37.0

Day # 4

Bit Record					API RWI	County	State	Surface Legal Location																																																																																																															
Bit Number	Drill Bit	Dull Out	Nozzles (3/2")		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C																																																																																																															
3	Bit # 3 - 11, MV16LPX, JX7128	-----	11/11/11/11/1		Operator	YATES PETROLEUM CORP	Hole Direction	VERTICAL	N/S Dist	330 0	N/S Ref	FNL	E/W Dist	2,310 0	E/W Ref	FWL	Gr Elev (ft)	3,438 00	Orig KB Elev	3,456 00																																																																																																			
Depth In (ft)	569 0	Depth Out (ft)	1,620 0	Depth Drill	1,051 00	Job Drill Hr	14 00	Avg ROP	75 1	Jobs																																																																																																													
										AFE Number	073220	Total AFE Amount	1,983,700 00	Tgt Depth (ft)	8,200 0	Target Formation	BONE SPRINGS	Bottom Hole Legal Location			SEC 3/TWN 23S/RNG 31E/UNT C	Drill Hrs	46 75																																																																																																
										Daily Cost Total	17,645 00	Cum Cost To Date	196,126.46	Daily Mud Cost		Mud Additive Cost To Date																																																																																																							
										Day No	4	Report End Date	11/25/2007 05 59	Formation at Report Time	TOP OF SALT	Lithology	SALT	Present Operations			DRILLING																																																																																																		
Hole Direction: VERTICAL - Original Hole, 11/25/2007 5 59- (ft)										Depth End (ft)	1,620 0	Depth Start (ft)	569 0	Depth Progress (ft)	1,051 00	Drilling Hours (hrs)	14 00	Average ROP (ft/hr)	75 1																																																																																																				
Remarks										DRILL NEW HOLE																																																																																																													
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 60																																																																																																													
Funnel Viscosity (s/qt)										28										PV (cp)										YP (lb/100ft)										Gel 10 sec (lb/100ft)										Gel 10 min (lb/100ft)										pH										11 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 (ft)										Depth End (ft)										Comment																																																	
06 00										6 50										12 30										6 50										WAIT ON EQUIPMENT										569 0										569 0										W-O-HYDROMATIC (TOOH AND CHANGE NOZZELS)																																																	
12 30										2 75										15 15										9 25										RIG REPAIR										569 0																				INSTALL HYDROMATIC																																																	
15 15										5 25										20 30										14 50										DRILLING										569 0										842 0										DRILL NEW HOLE																																																	
20 30										0 25										20 45										14 75										SURVEY - WIRELINE										842 0																				SURVEY @ 801' - 1 00'																																																	
20 45										2 50										23 15										17 25										DRILLING										842 0										1,091 0										DRILL NEW HOLE																																																	
23 15										0 25										23 30										17 50										SURVEY - WIRELINE										1,091 0																				SURVEY @ 1051' - 1 25'																																																	
23 30										3 25										02 45										20 75										DRILLING										1,091 0										1,341 0										DRILL NEW HOLE																																																	
02 45										0 25										03 00										21 00										SURVEY - WIRELINE										1,341 0																				SURVEY @ 1301' - 1 25'																																																	
03 00										3 00										06 00										24 00										DRILLING										1,341 0										1,620 0										DRILL NEW HOLE																																																	
Daily Costs																																																																																																																							
Cost Description										Cost Details										Cost										Vendor																																																																																									
Drilling, Daywork																				16,500 00										SILVER OAK DRILLING																																																																																									
Drilling Water, Fasline Rental										Potable water										55 00										ACT EQUIPMENT																																																																																									
Supervision & Overhead - Drilling																				1,000 00										RGI INC.																																																																																									
Tools & Equip Rental, Etc - Completions										Other Rentals										15 00										DUDLEY SALES & SERVICE																																																																																									
Supervision & Overhead - Drilling										Trailer Rental										75 00										CHARLIE'S ROUSTABOUT SERVICE																																																																																									
Daily Contacts																																																																																																																							
Job Contact										GENE CUTRELL, DRILLING CONSULTANT										Company										RGI										Phone Mobile										575-369-6418																																																																					
Job Contact										TIM BUSSELL, DRLG SUPERINTENDENT										Company										YATES										Phone Mobile										575-365-5695																																																																					
Job Contact										RIG FLOOR - 6, RIG PHONE										Company										SILVER OAK										Phone Mobile										575-513-2114																																																																					
Job Contact										JOSH HEDRICK, TOOLPUSHER										Company										SILVER OAK										Phone Mobile										575-513 2117																																																																					
Job Contact										MIKE HILL, ENGINEER										Company										YATES										Phone Mobile										505-365-8706																																																																					
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										1										Start Date										11/19/2007 06 00										Make										Continental Emsco										Model										F 800										Pwr (hp)										800 0										Rod Dia (in)										2 1/2									
Liner Size (in)										5 1/2										Start Date										11/19/2007 06 00										End Date										7/31/2008 05 59										Maximum Pressure (psi)										Vol/Str - 100% (bb/s)																																																	
Liner Size (in)										5 1/2										Start Date										11/24/2007 06 00										End Date										11/25/2007 05 59										Maximum Pressure (psi)										Vol/Str - 100% (bb/s)										0 066																																							
Pump Checks																																																																																																																							
Pump Number										1										Date										11/25/2007 05 59										Depth (ft)										1,620 0										Slow Spd										No										Strokes (spm)										100										Pressure (psi)										1,450 0									
Mud Pumps - 2																																																																																																																							
No										2										Start Date										11/19/2007 00 00										Make										Continental Emsco										Model										F 800										Pwr (hp)										800 0										Rod Dia (in)										2 1/2									
Liner Size (in)										5 1/2										Start Date										11/19/2007 06 00										End Date										7/31/2008 05 59										Maximum Pressure (psi)										Vol/Str - 100% (bb/s)																																																	



Yates Daily Drilling Report

Report Date: 11/21/2007

GLOW WORM ALX FEDERAL #11

Report #: 34.0

Day # 4

Drill Strings: BHA #4, Packed Hole									
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)			
2	Bit # 2 - 17 1/2 XRTG MR6798	40.0	128.0	88.00	2.00	44.0			
String Length (ft)	String Wt (1000lb)	OD (in)	IADC Bit Dull	TFA (in ²)	Nozzles (3/32")				
84.98	10	8.500	-----		15/15/15				
Drill Form - Drilling Parameters 40.0 ftKB - 128.0 ftKB -									
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	Q (flow) (g)	Rot String Wt (lb)	PU Str Wt (100)	SO Str Wt (100)	
10	75		75	225.0	351	10	10	10	
Item Description		OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts	
Reamer - 3 Pt		8 1/2					7.39		1
Shock Sub		8	2.500				9.66		1
Dnll Collar		8	2.500		153.88		31.14		1
Combo - Stabilizer		8	2.500				4.25		1
Dnll Collar		8	2.500		153.88		31.04		1
Casing Strings									
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)				
Conductor	11/17/2007 18.30		58.0	20	19.124				
General Rig Survey- Original Hole									
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job					
Original Hole		SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL	New Drilling, New Well, Drilling & Completions on 7/27/2007 06.00					
Survey Data									
Date	Description	Measured Depth (ftKB)	Inclination (°)	Azimuth (°)					
	General Rig Survey								

Hole Direction: VERTICAL - Original Hole, 11/21/2007 5.59 -	Schematic - Actual
0	
18	
40	Original Hole, 26, 18-58
43	
51	
58	Conductor, 18-58
60	Conductor, 20, 18, 40.0
91	Original Hole, 17 1/2, 40-128
95	
100	
127	
128	TD, 128, 11/21/2007
550	
2,200	
4,050	
7,400	
8,200	



Yates Daily Drilling Report

Report Date: 11/21/2007

Report #: 34.0

GLOW WORM ALX FEDERAL #11

Day # 4

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number 2	Drill Bit Bit # 2 - 17 1/2, XRTG, MR6798	Dull Out -----	Nozzles (3/32") 15/15/15		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C				
Operator YATES PETROLEUM CORP	Hole Direction VERTICAL	N/S Dist 330 0	N/S Ref FNL	E/W Dist 2,310 0	E/W Ref FWL	Gr Elev (ft) 3,438 00	Ong KB Elev 3,456 00					
Depth In (ftKB) 40 0	Depth Out (ft) 128 0	Depth Drill 88 00	Job Drill Hr 2 00	Avg ROP 44 0								
Jobs												
AFE Number 073220		Total AFE Amount 1,983,700 00		Tgt Depth (ftKB) 8,200 0	Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C		Drill Hrs 6 00			
Daily Cost Total 19,571 57		Cum Cost To Date 54,570 49		Daily Mud Cost		Mud Additive Cost To Date						
Day No 4	Report End Date 11/21/2007 05 59	Formation at Report Time SURFACE		Lithology ANHYDRITE		Present Operations DRILLING						
Depth End (ftKB) 128 0		Depth Start (ftKB) 40 0		Depth Progress (ft) 88 00		Drilling Hours (hrs) 2 00		Average ROP (ft/hr) 44 0				
Remarks DRILL NEW HOLE												
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) 8 50		Chlorides (ppm)		Calcium (ppm)		Solids (%)		LCM				
Funnel Viscosity (s/qt) 32		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)				
Water Loss (ml/30min)		Filter Cake (3/32")		KCF (%)		Percent Oil (%)		pH 7 0				
Comment												
Time Log												
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment					
06 00	17 00	23 00	17 00	RIG UP	58 0	58 0						
23 00	1 00	00 00	18 00	MIX SPUD MUD	58 0							
00 00	4 00	04 00	22 00	PICK UP BHA								
04 00	2 00	06 00	24 00	DRILLING	58 0	124 0	DRILL NEW HOLE					
Daily Costs												
Cost Description		Cost Details		Cost		Vendor						
Drilling, Daywork				16,500 00		SILVER OAK DRILLING						
Drilling Water, Fasline Rental		Potable water		650 00		ACT EQUIPMENT						
Drilling Water, Fasline Rental		Potable water		55 00		ACT EQUIPMENT						
Supervision & Overhead - Drilling				1,000 00		RGI INC						
Tools & Equip. Rental, Etc - Completions		Other Rentals		15 00		DUDLEY SALES & SERVICE						
Tools&Equip Rntl Trkg & Welding-Drilling				341 82		GRANGERS WELDING						
Tools&Equip Rntl Trkg & Welding-Drilling				1,009 75		FULL MOON TRUCKING						
Daily Contacts												
Job Contact GENE CUTRELL, DRILLING CONSULTANT				Company RGI		Phone Mobile 575-369-6418						
Job Contact TIM BUSSELL, DRLG SUPERINTENDENT				Company YATES		Phone Mobile 575-365-5695						
Job Contact RIG FLOOR - 6, RIG PHONE				Company SILVER OAK		Phone Mobile 575-513-2114						
Job Contact JOSH HEDRICK, TOOLPUSHER				Company SILVER OAK		Phone Mobile 575-513 2117						
Job Contact MIKE HILL, ENGINEER				Company YATES		Phone Mobile 505-365-8706						
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 GT (ft) 18 00		Rig Type Drilling - Triple						
Mud Pumps - 1												
No 1	Start Date 11/19/2007 06 00	Make Continental Emsco		Model F 800		Pwr (hp) 800 0		Rod Dia (in) 2 1/2				
Uner Size (in) 6 1/2	Start Date 11/19/2007 06 00	End Date 7/31/2008 05 59		Maximum Pressure (psi)		Vol/Stk 100% (bbl/s)		0 092				
Pump Checks												
Pump Number 1	Date 11/21/2007 05 59	Depth (ftKB) 128 0		Slow Spd No		Strokes (spm) 95		Pressure (psi) 225 0				
Mud Pumps - 2												
No 2	Start Date 11/19/2007 00 00	Make Continental Emsco		Model F 800		Pwr (hp) 800 0		Rod Dia (in) 2 1/2				
Uner Size (in) 6 1/2	Start Date 11/19/2007 06 00	End Date 7/31/2008 05 59		Maximum Pressure (psi)		Vol/Stk 100% (bbl/s)		0 092				
Pump Checks												
Pump Number 2	Date 11/21/2007 05 59	Depth (ftKB) 128 0		Slow Spd No		Strokes (spm) 0		Pressure (psi) 0 0				
Safety Checks												
Date	Description	Type		Comment								
Mud Additive Amounts												
Description		Type		Consumed		Units						



Yates Daily Drilling Report

Report Date: 11/26/2007

GLOW WORM ALX FEDERAL #11

Report #: 38.0

Day # 5

Safety Checks	
Date	Description

Mud Additive Amounts	
Description	Type
Lime	Alkalinity control
Caustic Soda	Alkalinity control
MF 55	Flocculant

Drill Strings: BHA #8, Slick	
Bit Number	Drill Bit
3	B4 # 3 11 MV16LPX JX7128

String Length (ft)	String Wt (1000lb)	OD (in)	IADC Bit Dull	TFA (in)	Nozzles (3/32")
2,609.43	114	8.000			11/11/11/11/11/11

Drill Form - Drilling Parameters 1,620.0 RKB - 2,648.0 RKB -									
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	Q (flow) (g)	Rol	String Wt (100)	PU Str Wt (100)	SO Str Wt (100)
20	75		75	1,400.0	415		110	112	108

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	E	16.60		1,868.66	16
Drill Collar	6 1/2	2.250		99.45		550.72	18
XO Sub	7 15/16	2.313				2.22	1
Drill Collar	8	2.500		153.88		186.33	6

Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18 30
Surface	11/22/2007 14 00

Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (RKB)	OD (in)	ID (in)
Conductor	11/17/2007 18 30	58 0	20	19 1/2	12 1/4
Surface	11/22/2007 14 00	18 0	564 0	13 3/8	12 1/4

General Rig Survey- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	

Bottom Hole Legal Location	Hole Direction	Job
SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00

Survey Data	
Date	Description
11/25/2007 6:00 00 AM	General Rig Survey
11/25/2007 10:45 00 AM	General Rig Survey
11/25/2007 3:00 00 PM	General Rig Survey
11/26/2007 5:00 00 AM	General Rig Survey

Measured Depth (RKB)	Inclination (°)	Azimuth (°)
1,549.00	1.25	0.00
1,799.00	1.25	0.00
2,047.00	1.25	0.00
2,578.00	1.00	0.00

www.peloton.com



Yates Daily Drilling Report

Report Date: 11/26/2007

GLOW WORM ALX FEDERAL #11

Report #: 38.0

Day # 5

Blt Record					API/UWI		County		State		Surface Legal Location						
Blt Number	Drill Bit	Drill Out	Nozzles (3/32")														
3	Bit # 3 - 11, MV16LPX, JX7128	6-6-B	11/11/11/11/1		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C									
Operator					YATES PETROLEUM CORP		Hole Direction		VERTICAL		N/S Dist	N/S Ref	E/W Dist	E/W Ref	Gr Elev (ft)	Orig KB Elev	
Depth in (ft)					564.0		Depth Out (ft)		2,648.0		Depth Drill		2,582.00		Avg ROP		
564.0					2,648.0		2,582.00		56.75		45.5						
Jobs																	
AFE Number		073220		Total AFE Amount		1,983,700.00		Tgt Depth (ft)		8,200.0		Target Formation		BONE SPRINGS		Bottom Hole Legal Location	
17,645.00		213,771.46		Daily Mud Cost				Mud Additive Cost To Date				Daily Cost Total		17,645.00		213,771.46	
Day No		5		Report End Date		11/26/2007 05:59		Formation at Report Time		TOP OF SALT		Lithology		SALT / ANHYDRITE		Present Operations	
05:59																DRILLING	
Depth End (ft)		2,648.0		Depth Start (ft)		1,620.0		Depth Progress (ft)		1,028.00		Drilling Hours (hrs)		22.25		Average ROP (ft/hr)	
46.2																	
Remarks																	
DRILL NEW HOLE																	
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)		9.90		Chlorides (ppm)				Calcium (ppm)				Solids (%)				LCM	
Funnel Viscosity (s/qt)		28		PV (cp)				YP (lb/100ft)				Gel 10 sec (lb/100ft)				pH	
Water Loss (mL/30min)				Filter Cake (3/32")				KGI (%)				Percent Oil (%)				10.0	
Comment																	
Time Log																	
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)		Comment			
06:00		0.25		06:15		0.25		SURVEY - WIRELINE		1,620.0				SURVEY @ 1549' - 1.25'			
06:15		3.75		10:00		4.00		DRILLING		1,620.0		1,839.0		DRILL NEW HOLE			
10:00		0.75		10:45		4.75		SERVICE RIG		1,839.0				INSTALL ROTATING HEAD			
10:45		0.25		11:00		5.00		SURVEY - WIRELINE						SURVEY @ 1799' - 1.25'			
11:00		4.00		15:00		9.00		DRILLING		1,839.0		2,088.0		DRILL NEW HOLE			
15:00		0.25		15:15		9.25		SURVEY - WIRELINE		2,088.0				SURVEY @ 2047' - 1.25'			
15:15		13.75		05:00		23.00		DRILLING		2,088.0		2,618.0		DRILL NEW HOLE			
05:00		0.25		05:15		23.25		SURVEY - WIRELINE		2,618.0				SURVEY @ 2578' - 1.00'			
05:15		0.75		06:00		24.00		DRILLING		2,618.0		2,648.0		DRILL NEW HOLE			
Daily Costs																	
Cost Description		Cost Details		Cost		Vendor											
Drilling, Daywork				16,500.00		SILVER OAK DRILLING											
Drilling Water, Fasline Rental		Potable water		55.00		ACT EQUIPMENT											
Supervision & Overhead - Drilling				1,000.00		RGI INC											
Tools & Equip Rental, Etc - Completions		Other Rentals		15.00		DUDLEY SALES & SERVICE											
Supervision & Overhead - Drilling		Trailer Rental		75.00		CHARLIE'S ROUSTABOUT SERVICE											
Daily Contacts																	
Job Contact		Company		Phone Mobile													
GENE CUTRELL, DRILLING CONSULTANT		RGI		575-369-6418													
Job Contact		Company		Phone Mobile													
TIM BUSSELL, DRLG SUPERINTENDENT		YATES		575-365-5695													
Job Contact		Company		Phone Mobile													
RIG FLOOR - 6, RIG PHONE		SILVER OAK		575-513-2114													
Job Contact		Company		Phone Mobile													
JOSH HEDRICK, TOOLPUSHER		SILVER OAK		575-513-2117													
Job Contact		Company		Phone Mobile													
MARGRETHE HOTTER, ENGINEER		YATES		575-703-0749													
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		11/19/2007 06:00		Continental Emsco		F 800		800.0		2 1/2							
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)									
6 1/2		11/19/2007 06:00		7/31/2008 05:59				0.092									
Pump Checks																	
Pump Number		Date		Depth (ft)		Slow Spd		Strokes (spm)		Pressure (psi)							
1		11/26/2007 05:59		2,648.0		No		95		1,400.0							
Mud Pumps - 2																	
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)							
2		11/19/2007 06:00		Continental Emsco		F 800		800.0		2 1/2							
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)									
6 1/2		11/19/2007 06:00		7/31/2008 05:59				0.092									
Pump Checks																	
Pump Number		Date		Depth (ft)		Slow Spd		Strokes (spm)		Pressure (psi)							
2		11/26/2007 05:59		2,648.0		No		95		1,400.0							

TD, 4.085, 11/24/2007



Yates Daily Drilling Report

Report Date: 11/27/2007

GLOW WORM ALX FEDERAL #11

Report #: 39.0

Day # 6

Pump Checks	
Pump Number	Date
1	11/27/2007 05 59
Depth (ftKB)	3,146 0
Slow Spd	No
Strokes (spm)	95
Pressure (psi)	1,425 0

Mud Pumps - 2	
No	Start Date
2	11/19/2007 00 00
Make	Continental Emsco
Model	F 800
Pwr (hp)	800.0
Rod Dia (in)	2 1/2
Liner Size (in)	5 1/2
Start Date	11/19/2007 06 00
End Date	7/31/2008 05 59
Maximum Pressure (psi)	
Vol/Str - 100% (bbl/s)	0 066

Pump Checks	
Pump Number	Date
2	11/27/2007 05 59
Depth (ftKB)	3,146 0
Slow Spd	No
Strokes (spm)	95
Pressure (psi)	1,425 0

Safety Checks	
Date	Description

Mud Additive Amounts	
Description	Type
Paper	LCM
Consumed	3 0
Units	sacks
Description	Lime
Type	Alkalinity control
Consumed	3 0
Units	sacks
Description	Caustic Soda
Type	Alkalinity control
Consumed	9 0
Units	sacks
Description	MF 55
Type	Flocculant
Consumed	30 0
Units	gals

Drill Strings: BHA #9, Slick	
Bit Number	Drill Bit
3	Bit # 3 - 11 MV16L PX JX712B
Depth In (ftKB)	2,648 0
Depth Out (ftKB)	3,146 0
Drilled (ft)	498 00
Drill Time (hrs)	20 50
BHA ROP (ft/hr)	24 3
String Length (ft)	3,107 64
String Wt (1000lb)	123
OD (in)	8 000
ADC Bit Dull	6-6-BT-A-6-0
TFA (in)	
Nozzles (3/2")	11/11/11/11/11/11/11

Drill Form - Drilling Parameters 2,648.0 ftKB - 3,146.0 ftKB -	
WOB (1000lb)	RPM (rpm)
25	80
Motor R	Bit RPM
	80
SPP (psi)	O (flow) (g)
1,425.0	415
Rot String Wt (lb)	PU Str Wt (100 lb)
121	123
SO Str Wt (100 lb)	
118	

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3 826	E	16 60		2,366 87	76
Drill Collar	6 1/2	2 250		99 45		550.72	18
XO Sub	7 15/16	2 313				2.22	1
Drill Collar	8	2 500		153.88		186 33	6

Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18 30
Depth Cut Pull (ft)	58 0
Set Depth (ftKB)	20
OD (in)	19 124
ID (in)	
Casing Description	Surface
Run Date	11/22/2007 14 00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	564 0
OD (in)	13 3/8
ID (in)	12.715

General Rig Survey- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL
Job	
New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00	

Survey Data	
Date	Description
11/26/2007 12 00 00 PM	General Rig Survey
Measured Depth (ftKB)	2,858 00
Inclination (°)	1 25
Azimuth (°)	0 00
Date	11/27/2007 2:45 00 AM
Description	General Rig Survey
Measured Depth (ftKB)	3,075 00
Inclination (°)	1.00
Azimuth (°)	0 00

Hole Direction: VERTICAL - Original Hole, 11/27/2007 5:59:11 KB (MD)	
Schematic - Actual	
-1	
0	
18	Original Hole, 26, 18-58
38	Conductor, 18-58
58	Conductor, 20, 18, 40 0
100	Original Hole, 17 1/2, 58-564
516	
518	
550	
563	
564	Surface, 18-564
569	Surface, 13 3/8, 18, 546 0
2,200	Original Hole, 11, 569-3,240
2,405	
2,956	
2,958	
3,144	
3,146	
3,240	TD, 3,240, 11/24/2007
4,050	
7,400	
8,200	



Yates Daily Drilling Report

Report Date: 11/27/2007

Report #: 39.0

GLOW WORM ALX FEDERAL #11

Day # 6

Bit Record					API/UWI		County		State		Surface Legal Location				
Bit Number 3	Drill Bit Bit # 3 - 11, MV16LPX, JX7128	Dull Out 6-6-B	Nozzles (1/32") 11/11/11/11/1	3001535313		EDDY		NEW MEXICO		SEC 3/TWN 23S/RNG 31E/UNT C					
Operator YATES PETROLEUM CORP		Hole Direction VERTICAL		N/S Dist 330 0		N/S Ref FNL		E/W Dist 2,310 0		E/W Ref FWL		Gr Elev (ft) 3,438 00		Orig KB Elev 3,456 00	
Depth In (ftKB) 569 0	Depth Out (ft) 3,146 0	Depth Drill 2,577 00	Job Drill Hr 56 75	Avg ROP 45 4											
Jobs															
AFE Number 073220		Total AFE Amount 1,983,700 00		Tgt Depth (ftKB) 8,200 0		Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C				Drill Hrs 99 25			
Daily Cost Total 21,916 12				Cum Cost To Date 235,687 58				Daily Mud Cost				Mud Additive Cost To Date			
Day No 6		Report End Date 11/27/2007 05 59		Formation at Report Time TOP OF SALT		Lithology SALT / ANHYDRITE				Present Operations DRILLING					
Hole Direction: VERTICAL - Original Hole, 11/27/2007 5:59:...		Schematic - Actual													
ftKB (MD)															
-1															
0															
18															
38															
58															
100															
516															
518															
550															
563															
564															
569															
2,200															
2,405															
2,956															
2,958															
3,144															
3,146															
3,240															
4,050															
7,400															
8,200															
Remarks DRILL NEW HOLE 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) 180,000		Calcium (ppm)		Solids (%) 0 4		LCM							
Funnel Viscosity (s/qt) 29		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH 10 5					
Water Loss (mL/30min)		Filter Cake (1/32")		KC (%)		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 75	09 45	3 75	DRILLING	2,648 0	2,866 0	DRILL NEW HOLE								
09 45	1 25	11 00	5 00	RIG REPAIR	2,866 0		TIGHTEN BOLTS IN DRAWWORKS & SERVICE RIG								
11 00	0 25	11 15	5 25	SURVEY - WIRELINE	2,866 0		MIS-RUN								
11 15	0 75	12 00	6 00	DRILLING	2,866 0	2,898 0	DRILL NEW HOLE								
12 00	0 50	12 30	6 50	SURVEY - WIRELINE	2,898 0		WIRE LINE BROKE								
12 30	3 75	16 15	10 25	DRILLING	2,898 0	2,991 0	DRILL NEW HOLE								
16 15	1 00	17 15	11 25	RIG REPAIR	2,991 0		TIGHTEN BOLTS IN DRAE WORKS								
17 15	9 50	02 45	20 75	DRILLING	2,991 0	3,115 0	DRILL NEW HOLE								
02 45	0 50	03 15	21 25	SURVEY - WIRELINE	3,115 0		SURVEY @ 3075' - 1 00"								
03 15	2 75	06 00	24 00	DRILLING	3,115 0	3,146 0	DRILL NEW HOLE								
Daily Costs															
Cost Description		Cost Details		Cost		Vendor									
Drilling, Daywork				16,500 00		SILVER OAK DRILLING									
Drilling Water, Fasline Rental		Potable water		55 00		ACT EQUIPMENT									
Supervision & Overhead - Drilling				1,000 00		RGI INC									
Tools & Equip Rental, Etc - Completions		Other Rentals		15 00		DUDLEY SALES & SERVICE									
Supervision & Overhead - Drilling		Trailer Rental		75 00		CHARLIE'S ROUSTABOUT SERVICE									
Drilling Water, Fasline Rental		Water Hauling		2,340 00		SIERRA									
Tools&Equip Rntl Trkg & Weldng-Drilling				510 00		WEATHERFORD									
Tools&Equip Rntl Trkg & Weldng-Drilling				170 00		WEATHERFORD									
Casing Inspection - All Strings				1,251 12		CHARLIE'S ROUSTABOUT SERVICE									
Daily Contacts															
Job Contact		Company				Phone Mobile									
GENE CUTRELL, DRILLING CONSULTANT		RGI				575-369-6418									
Job Contact		Company				Phone Mobile									
TIM BUSSELL, DRLG SUPERINTENDENT		YATES				575-365-5695									
Job Contact		Company				Phone Mobile									
RIG FLOOR - 6, RIG PHONE		SILVER OAK				575-513-2114									
Job Contact		Company				Phone Mobile									
JOSH HEDRICK, TOOLPUSHER		SILVER OAK				575-513 2117									
Job Contact		Company				Phone Mobile									
MIKE HILL, ENGINEER		YATES				505-365-8706									
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	11/19/2007 06 00	Continental Emsco		F 800		800 0		2 1/2							
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)							
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066							



Yates Daily Drilling Report

Report Date: 11/28/2007

GLOW WORM ALX FEDERAL #11

Report #: 40.0

Day # 7

Pump Checks	
Pump Number	Date
2	11/28/2007 05 59
Depth (ftKB)	Slow Spd
3,240.0	No
Strokes (spm)	Pressure (psi)
95	1,425 0

Safety Checks			
Date	Description	Type	Comment

Mud Additive Amounts			
Description	Type	Consumed	Units
Paper	LCM	2 0	sacks
Caustic Soda	Alkalinity control	3 0	sacks
Lime	Alkalinity control	3 0	sacks
MF 55	Flocculant	5 0	gals
Salt Water Gel		39 0	sacks

Hole Direction: VERTICAL - Original Hole, 11/28/2007 5 59:
ftKB (MD) Schematic - Actual

Drill Strings: BHA #10, Slick							
Bit Number	Drill Bit	Depth In (ftKB)	Depth Out (ftKB)	Drilled (ft)	Drill Time (hrs)	BHA ROP (ft/hr)	
4	Bit # 4 - 11, M716, JX0488	3,146.0	3,240.0	94 00	9 75	9 6	
String Length (ft)	String Wt (1000lb)	OD (in)	ADDC Bit Dull	TFA (in)	Nozzles (3/32")		
3,201.23	124	8 000			12/12/12/12/12/12		

Drill Form - Drilling Parameters 3,146.0 ftKB - 3,240.0 ftKB -									
WOB (1000lb)	RPM (rpm)	Motor R	Bit RPM	SPP (psi)	G (flow) (g)	Rot String Wt (	PU Str Wt (100	SO Str Wt (100	
20	75		75	1,425 0	415	122	125	119	
Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts		
Drill Pipe	4 1/2	3.826	E	16 60		2,460.46	79		
Drill Collar	6 1/2	2 250		99 45		550 72	18		
XO Sub	7 15/16	2 313				2 22	1		
Drill Collar	8	2.500		153 88		186 33	6		

Casing Strings					
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Conductor	11/17/2007 18 30		58 0	20	19.124
Casing Description	Run Date	Depth Cut Pull (ft)	Set Depth (ftKB)	OD (in)	ID (in)
Surface	11/22/2007 14:00	18 0	564.0	13 3/8	12 715

General Rig Survey- Original Hole				
Wellbore Name	Parent Wellbore	Bottom Hole Legal Location	Hole Direction	Job
Original Hole		SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00

Survey Data			
Date	Description	Measured Depth (ftKB)	Inclination (°)
11/27/2007 2:00 00 PM	General Rig Survey	3,167.00	0.75
			0 00



Yates Daily Drilling Report

Report Date: 11/28/2007

Report #: 40.0

GLOW WORM ALX FEDERAL #11

Day # 7

Bit Record					API/JWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (3/32")												
4	Bit # 4 - 11, M716, JX0488	-----	12/12/12/12/1		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C							
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	2,310 0	FWL	3,438 00	3,456 00			
Depth In (ftKB)					Depth Out (ft)		Depth Drill		Job Drill Hr		Avg ROP				
3,146 0					3,240 0		94 00		9 75		9 6				
Jobs															
AFE Number		Total AFE Amount		Tgt Depth (ftKB)		Target Formation		Bottom Hole Legal Location					Drill Hrs		
073220		1,983,700 00		8,200 0		BONE SPRINGS		SEC 3/TWN 23S/RNG 31E/UNT C					99 25		
Daily Cost Total				Cum Cost To Date				Daily Mud Cost				Mud Additive Cost To Date			
19,066 12				254,753 70											
Day No		Report End Date		Formation at Report Time		Lithology		Present Operations							
7		11/28/2007 05 59		TOP OF SALT		SALT / ANHYDRITE		DRILLING							
Depth End (ftKB)		Depth Start (ftKB)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)							
3,240 0		3,146 0		94 00		9 75		9 6							
Remarks															
DRILL NEW HOLE															
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		180,000				0.4									
Funnel Viscosity (s/qt)		PV (cp)		YP (lb/100ft ²)		Gel 10 sec (lb/100ft ²)		Gel 10 min (lb/100ft ²)		pH					
29										10 5					
Water Loss (ml/30min)				Filter Cake (32")				KCI (%)		Percent Oil (%)					
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment	
06 00		4 00		10 00		4 00		DRILLING		3,146 0		3,178 0		DRILL NEW HOLE	
10 00		0 50		10 30		4 50		SERVICE RIG		3,178 0					
10 30		3 50		14 00		8 00		DRILLING		3,178 0		3,209 0		DRILL NEW HOLE	
14 00		0 25		14 15		8 25		CIRCULATE		3,209 0				SPOT PILL ON BOTTOM	
14 15		0 25		14 30		8 50		SURVEY - WIRELINE		3,209 0				DROP TOTCO	
14 30		2 00		16 30		10 50		TRIP OUT		3,209 0				T-O-O-H FOR REPAIRS	
16 30		8 25		00 45		18 75		RIG REPAIR		3,209 0				CHANGE OUT BRAKE BLOCKS & MOVE PASON ENCODER	
00 45		2 50		03 15		21 25		TRIP IN		3,209 0				T-I-H WITH BIT # 4	
03 15		0 50		03 45		21 75		CIRCULATE		3,209 0				WASH 60' TO BOTTOM	
03 45		2 25		06 00		24 00		DRILLING		3,209 0		3,240 0		DRILL NEW HOLE	
Daily Costs															
Cost Description				Cost Details				Cost		Vendor					
Drilling, Daywork								16,500 00		SILVER OAK DRILLING					
Drilling Water, Faseline Rental				Potable water				55 00		ACT EQUIPMENT					
Supervision & Overhead - Drilling								1,000 00		RGI INC					
Tools & Equip Rental, Etc - Completions				Other Rentals				15 00		DUDLEY SALES & SERVICE					
Supervision & Overhead - Drilling				Trailer Rental				75 00		CHARLIE'S ROUSTABOUT SERVICE					
Tools & Equip Rntl Trkg & Welding-Drilling								170 00		WEATHERFORD					
Casing Inspection - All Strngs								1,251 12		CHARLIE'S ROUSTABOUT SERVICE					
Daily Contacts															
Job Contact				Company				Phone Mobile							
GENE CUTRELL, DRILLING CONSULTANT				RGI				575-369-6418							
Job Contact				Company				Phone Mobile							
TIM BUSSELL, DRLG SUPERINTENDENT				YATES				575-365-5695							
Job Contact				Company				Phone Mobile							
RIG FLOOR - 6, RIG PHONE				SILVER OAK				575-513-2114							
Job Contact				Company				Phone Mobile							
JOSH HEDRICK, TOOLPUSHER				SILVER OAK				575-513 2117							
Job Contact				Company				Phone Mobile							
MIKE HILL, ENGINEER				YATES				505-365-8706							
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 GI (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		11/19/2007 06 00		Continental Emsco		F 800		800 0		2 1/2					
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)							
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066							
Pump Checks															
Pump Number		Date		Depth (ftKB)		Slow Spd		Strokes (spm)		Pressure (psi)					
1		11/28/2007 05 59		3,240 0		No		95		1,425 0					
Mud Pumps - 2															
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)					
2		11/19/2007 00 00		Continental Emsco		F 800		800 0		2 1/2					
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)							
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066							

Hole Direction: VERTICAL - Original Hole, 11/28/2007 5:59 PM (MD)

Schematic - Actual



Yates Daily Drilling Report

Report Date: 11/29/2007

GLOW WORM ALX FEDERAL #11

Report #: 41.0

Day # 8

Pump Checks	
Pump Number	2
Date	11/29/2007 05 59
Depth (ftKB)	3,645.0
Slow Spd	No
Strokes (spm)	95
Pressure (psi)	1,425.0

Safety Checks	
Date	
Description	
Type	
Comment	

Mud Additive Amounts	
Description	Type
Caustic Soda	Alkalinity control
Consumed	6 0 sacks
Description	Type
Lime	Alkalinity control
Consumed	6 0 sacks
Description	Type
MF 55	Flocculant
Consumed	15 0 gals
Description	Type
Salt Water Gel	
Consumed	40 0 sacks

Hole Direction VERTICAL - Original Hole, 11/29/2007 5 59 -
ftKB (MD) Schematic - Actual

Drill Strings: BHA #11, Slick	
Bit Number	4
Drill Bit	Bit # 4 - 11 M716, JX0488
Depth In (ftKB)	3,240 0
Depth Out (ftKB)	3,645 0
Drilled (ft)	405 00
Drill Time (hrs)	21.00
BHA ROP (ft/hr)	19 3
String Length (ft)	3,606 24
String Wt (1000lb)	131
OD (in)	8 000
IADC Bit Dull	-----
TFA (in ²)	
Nozzles (3/32")	12/12/12/12/12/12

Drill Form - Drilling Parameters 3,240.0 ftKB - 3,645.0 ftKB -	
WOB (1000lb)	20
RPM (rpm)	75
Motor R	75
Bit RPM	75
SPP (psi)	1,425 0
Q (flow) (g)	415
Rot String Wt (lb)	128
PU Str Wt (100)	131
SO Str Wt (100)	125
Item Description	OD (in)
Drill Pipe	4 1/2
Drill Collar	6 1/2
XO Sub	7 15/16
Drill Collar	8
Mass/Len (lbs/ft)	
Top Thread	
Len (ft)	
Jts	
Drill Pipe	3 826 E
Drill Collar	2 250
XO Sub	2 313
Drill Collar	2 500
Mass/Len (lbs/ft)	153.88
Top Thread	
Len (ft)	186 33
Jts	6

Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18:30
Depth Cut Pull (ft)	58 0
Set Depth (ftKB)	20
OD (in)	19 124
Casing Description	Run Date
Surface	11/22/2007 14 00
Depth Cut Pull (ft)	18.0
Set Depth (ftKB)	564.0
OD (in)	13 3/8
ID (in)	12 715

General Rig Survey- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	SEC 3/TWN 23S/RNG 31E/UNT C
Bottom Hole Legal Location	
Hole Direction	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00

Survey Data	
Date	11/28/2007 2:00:00 PM
Description	General Rig Survey
Measured Depth (ftKB)	3,293 00
Inclination (°)	0.75
Azimuth (°)	0.00
Date	11/28/2007 7 30 00 PM
Description	General Rig Survey
Measured Depth (ftKB)	3,449 00
Inclination (°)	0.75
Azimuth (°)	0.00

Original Hole, 26, 18-58

Conductor, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 18-564

Surface, 13 3/8, 18, 546 0

Original Hole, 11, 564-3,645

TD, 3,645, 11/24/2007



Yates Daily Drilling Report

Report Date: 11/29/2007

GLOW WORM ALX FEDERAL #11

Report #: 41.0

Day # 8

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number 4	Drill Bit Bit # 4 - 11, M716, JX0488	Dull Out -----	Nozzles (3/32") 12/12/12/1		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C				
Operator YATES PETROLEUM CORP					Hole Direction VERTICAL		N/S Dist 330 0	N/S Ref FNL	E/W Dist 2,310 0	E/W Ref FWL	Gr Elev (ft) 3,438 00	Orig KB Elev 3,456 00
Depth In (ft) 3,146 0	Depth Out (ft) 3,645 0	Depth Drill 499 00	Job Drill Hr 30 75	Avg ROP 16 2								
Jobs												
AFE Number 073220		Total AFE Amount 1,983,700 00		Tgt Depth (ft) 8,200 0	Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C			Drill Hrs 120 25		
Daily Cost Total 45,584 14		Cum Cost To Date 300,337 84		Daily Mud Cost 3,977 00		Mud Additive Cost To Date 3,977 00						
Day No 8		Report End Date 11/29/2007 05 59		Formation at Report Time TOP OF SALT		Lithology SALT / ANHYDRITE		Present Operations DRILLING				
Depth End (ft) 3,645 0		Depth Start (ft) 3,240 0		Depth Progress (ft) 405 00		Drilling Hours (hrs) 21 00		Average ROP (ft/hr) 19 3				
Remarks DRILL NEW HOLE												
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) 180,000		Calcium (ppm) 4,200		Solids (%) 0 4		LCM				
Funnel Viscosity (s/qt) 29		PV (cp)		YP (lb/100ft) 8 75		Gel 10 sec (lb/100ft) 3,334 0		Gel 10 min (lb/100ft) 3,334 0		pH 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 (ft)		Depth End (ft)
06 00		3 00		09 00		3 00		DRILLING		3,240 0		3,272 0
09 00		0 50		09 30		3 50		SERVICE RIG		3,272 0		
09 30		4 75		14 15		8 25		DRILLING		3,272 0		3,334 0
14 15		0 50		14 45		8 75		SURVEY - WIRELINE		3,334 0		
14 45		1 50		16 15		10 25		DRILLING		3,334 0		3,364 0
16 15		0 50		16 45		10 75		RIG REPAIR		3,364 0		
16 45		3 25		20 00		14 00		DRILLING		3,364 0		3,490 0
20 00		1 00		21 00		15 00		SURVEY - WIRELINE		3,490 0		
21 00		9 00		06 00		24 00		DRILLING		3,490 0		3,645 0
Daily Costs												
Cost Description		Cost Details		Cost		Vendor						
Drilling, Daywork				16,500 00		SILVER OAK DRILLING						
Drilling Water, Fasline Rental		Potable water		55 00		ACT EQUIPMENT						
Supervision & Overhead - Drilling				1,000 00		RGI INC						
Tools & Equip Rental, Etc. - Completions		Other Rentals		15 00		DUDLEY SALES & SERVICE						
Supervision & Overhead - Drilling		Trailer Rental		75 00		CHARLIE'S ROUSTABOUT SERVICE						
Tools & Equip Rntl Trkg & Welding - Drilling				170 00		WEATHERFORD						
Drilling, Power & Fuel				23,792 14		THOMAS PETROLEUM						
Drilling Mud & Additives		Diesel, Oil mud		3,977 00		ARTESIA LUMBER COMPANY						
Daily Contacts												
Job Contact		Company		Phone Mobile								
GENE CUTRELL, DRILLING CONSULTANT		RGI		575-369-6418								
Job Contact		Company		Phone Mobile								
TIM BUSSELL, DRLG SUPERINTENDENT		YATES		575-365-5695								
Job Contact		Company		Phone Mobile								
RIG FLOOR - 6, RIG PHONE		SILVER OAK		575-513-2114								
Job Contact		Company		Phone Mobile								
JOSH HEDRICK, TOOLPUSHER		SILVER OAK		575-513-2117								
Job Contact		Company		Phone Mobile								
MIKE HILL, ENGINEER		YATES		505-365-8706								
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	11/19/2007 06 00	Continental Emsco		F 800		800 0		2 1/2				
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Stk - 100% (bbl/s)				
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066				
Pump Checks												
Pump Number	Date	Depth (ft)		Slow Spd		Strokes (spm)		Pressure (psi)				
1	11/29/2007 05 59	3,645 0		No		95		1,425 0				
Mud Pumps - 2												
No	Start Date	Make		Model		Pwr (hp)		Rod Dia (in)				
2	11/19/2007 00 00	Continental Emsco		F 800		800 0		2 1/2				
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Stk - 100% (bbl/s)				
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066				

TD, 3,645, 11/24/2007



Yates Daily Drilling Report

Report Date: 11/30/2007

GLOW WORM ALX FEDERAL #11

Report #: 42.0

Day # 9

Pump Checks	
Pump Number	Date
2	11/30/2007 05 59
Depth (ftKB)	Slow Spd
4,085 0	No
Strokes (spm)	Pressure (psi)
95	1,450 0

Safety Checks	
Date	Description
Type	Comment

Mud Additive Amounts	
Description	Type
Lime	Alkalinity control
Consumed	3 0
Units	sacks
Description	Type
Paper	LCM
Consumed	4 0
Units	sacks
Description	Type
MF 55	Flocculant
Consumed	5 0
Units	gals
Description	Type
Caustic Soda	Alkalinity control
Consumed	7 0
Units	sacks
Description	Type
Salt Water Gel	
Consumed	50 0
Units	sacks

Drill Strings: BHA #12, Slick	
Drill Bit	Depth In (ftKB)
4	3,645 0
Depth Out (ftKB)	Drilled (ft)
4,085 0	440 00
Drill Time (hrs)	BHA ROP (ft/hr)
20 00	22 0
String Length (ft)	String Wt (1000lb)
4,058 70	139
OD (in)	ADC Bit Dull
8.000	-----
TFA (in ²)	Nozzles (1/32")
	12/12/12/12/12/12

Drill Form - Drilling Parameters 3,645.0 ftKB - 4,085.0 ftKB -	
WOB (1000lb)	RPM (rpm)
25	75
Motor R	Bit RPM
	75
SPP (psi)	Q (flow) (g)
1,450 0	415
Rot String Wt (lb)	PU Str Wt (100)
130	132
SO Str Wt (100)	
127	

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3 826	E	16 60		3,317 93	107
Drill Collar	6 1/2	2 250		99 45		550 72	18
XO Sub	7 15/16	2 313				2 22	1
Drill Collar	8	2 500		153 88		186 33	6

Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18 30
Depth Cut Pull (ft)	Set Depth (ftKB)
	58 0
OD (in)	ID (in)
20	19 124
Casing Description	Run Date
Surface	11/22/2007 14 00
Depth Cut Pull (ft)	Set Depth (ftKB)
18 0	564.0
OD (in)	ID (in)
13 3/8	12 715

General Rig Survey- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00

Survey Data	
Date	Description
11/29/2007 10 45 00 AM	General Rig Survey
Measured Depth (ftKB)	Inclination (°)
3,636 00	1 25
Azimuth (°)	0 00
Date	Description
11/29/2007 2 45 00 PM	General Rig Survey
Measured Depth (ftKB)	Inclination (°)
3,791 00	1 25
Azimuth (°)	0 00
Date	Description
11/29/2007 8 30 00 PM	General Rig Survey
Measured Depth (ftKB)	Inclination (°)
3,940 00	2 00
Azimuth (°)	0 00

Hole Direction VERTICAL - Original Hole, 11/30/2007 5 59: Schematic - Actual

ftKB (MD)

18

26

58

100

516

518

550

563

564

2,200

3,344

3,895

3,897

4,050

4,084

4,085

7,400

8,200

Conductor, 18-58

Original Hole, 26, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 18-564

Surface, 13 3/8, 18, 546 0

Original Hole, 11, 564-4,085

TD, 4,085, 11/24/2007



Yates Daily Drilling Report

Report Date: 11/30/2007

Report #: 42.0

GLOW WORM ALX FEDERAL #11

Day # 9

Bit Record				API/UWI	County	State	Surface Legal Location				
Bit Number 4	Drill Bit Bit # 4 - 11, M716, JX0488	Dull Out -----	Nozzles (32") 12/12/12/1	3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C				
Operator YATES PETROLEUM CORP				Hole Direction VERTICAL		N/S Dist 330 0	N/S Ref FNL	E/W Dist 2,310 0	E/W Ref FWL	Gr Elev (ft) 3,438 00	Orig KB Elev 3,456 00
Depth in (ftKB) 3,146 0				Depth Out (ft) 4,085 0	Depth Drill 939 00	Job Drill Hr 50 75	Avg ROP 18 5				
Jobs											
AFE Number 073220		Total AFE Amount 1,983,700 00		Tgt Depth (ftKB) 8,200 0		Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C		Drill Hrs 140 25	
Daily Cost Total 17,815 00			Cum Cost To Date 318,152 84			Daily Mud Cost 3,977 00			Mud Additive Cost To Date		
Day No 9		Report End Date 11/30/2007 05 59		Formation at Report Time TOP OF SALT		Lithology SALT /ANHYDRITE / LIME		Present Operations CIRCULATE			
Depth End (ftKB) 4,085 0		Depth Start (ftKB) 3,645 0		Depth Progress (ft) 440 00		Drilling Hours (hrs) 20 00		Average ROP (ft/hr) 22 0			
Remarks CIRCULATE											
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) 10.10		Chlorides (ppm) 181,000		Calcium (ppm)		Solids (%) 0 8		LCM			
Funnel Viscosity (s/qt) 29		PV (cp)		YP (lb/100ft) 0		Gel 10 sec (lb/100ft) 0		Gel 10 min (lb/100ft) 0		pH 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	4 00	10 00	4 00	DRILLING	3,645 0	3,676 0	DRILL NEW HOLE				
10 00	0 75	10 45	4 75	SERVICE RIG	3,676 0						
10 45	0 25	11 00	5 00	SURVEY - WIRELINE	3,676 0		SURVEY @ 3636'- 1 25"				
11 00	3 75	14 45	8 75	DRILLING	3,676 0	3,832 0	DRILL NEW HOLE				
14 45	0 50	15 15	9 25	SURVEY - WIRELINE	3,832 0		SURVEY @ 3791'- 1 25"				
15 15	5 25	20 30	14 50	DRILLING	3,832 0	3,988 0	DRILL NEW HOLE				
20 30	0 50	21 00	15 00	SURVEY - WIRELINE	3,988 0		SURVEY @ 3940'- 2 00"				
21 00	7 00	04 00	22 00	DRILLING	3,988 0	4,085 0	DRILL NEW HOLE				
04 00	2 00	06 00	24 00	CIRCULATE	4,085 0		CIRCULATE SWEEP & SPOT HI-VIS PILL ON BOTTOM				
Daily Costs											
Cost Description		Cost Details		Cost		Vendor					
Drilling, Daywork				16,500 00		SILVER OAK DRILLING					
Drilling Water, Fasline Rental		Potable water		55 00		ACT EQUIPMENT					
Supervision & Overhead - Drilling				1,000 00		RGI INC					
Tools & Equip Rental, Etc - Completions		Other Rentals		15 00		DUDLEY SALES & SERVICE					
Supervision & Overhead - Drilling		Trailer Rental		75 00		CHARLIE'S ROUSTABOUT SERVICE					
Tools&Equip Rnt Trkg &Welding-Drilling				170 00		WEATHERFORD					
Daily Contacts											
Job Contact		Company				Phone Mobile					
GENE CUTRELL, DRILLING CONSULTANT		RGI				575-369-6418					
Job Contact		Company				Phone Mobile					
TIM BUSSELL, DRLG SUPERINTENDENT		YATES				575-365-5695					
Job Contact		Company				Phone Mobile					
RIG FLOOR - 6, RIG PHONE		SILVER OAK				575-513-2114					
Job Contact		Company				Phone Mobile					
JOSH HEDRICK, TOOLPUSHER		SILVER OAK				575-513 2117					
Job Contact		Company				Phone Mobile					
MIKE HILL, ENGINEER		YATES				505-365-8706					
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	11/19/2007 06 00	Continental Emsco		F 800		800 0		2 1/2			
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)			
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066			
Pump Checks											
Pump Number	Date	Depth (ftKB)		Slow Spd		Strokes (spm)		Pressure (psi)			
1	11/30/2007 05 59	4,085 0		No		95		1,450 0			
Mud Pumps - 2											
No	Start Date	Make		Model		Pwr (hp)		Rod Dia (in)			
2	11/19/2007 00 00	Continental Emsco		F 800		800 0		2 1/2			
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)			
5 1/2		11/19/2007 06 00		7/31/2008 05 59				0 066			

Hole Direction, VERTICAL - Original Hole, 11/30/2007 5.59 ...

KB (MD)

1

0

18

26

58

100

516

518

550

563

564

2,200

3,344

3,895

3,897

4,050

4,084

4,085

7,400

8,200

Original Hole, 26, 18-58

Conductor, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 18-564

Surface, 13 3/8, 18, 546 0

Original Hole, 11, 564-4,085

TD, 4,085, 11/24/2007



Yates Daily Drilling Report

Report Date: 12/1/2007

GLOW WORM ALX FEDERAL #11

Report #: 43.0

Day # 10

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 - T nple
Mud Pumps - 1	
No. 1	Start Date 11/19/2007 06 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 6 1/2	Start Date 11/19/2007 06 00
End Date 7/31/2008 05 59	Maximum Pressure (psi) 0 092
Vol/Str - 100% (bb/s)	0 092
Hole Direction VERTICAL - Original Hole, 12/1/2007 5 59.0...	
Pump Checks	
Pump Number 1	Date 11/30/2007 15 45
Depth (ftKB) 4,085 0	Slow Spd No
Strokes (spm) 91	Pressure (psi) 100 0
Mud Pumps - 2	
No. 2	Start Date 11/19/2007 00 00
Make Continental Emsco	Model F 800
Pwr (hp) 800.0	Rod Dia (in) 2 1/2
Liner Size (in) 6 1/2	Start Date 11/19/2007 06 00
End Date 7/31/2008 05 59	Maximum Pressure (psi) 0 092
Vol/Str - 100% (bb/s)	0 092
Safety Checks	
Date 11/30/2007 10 30	Description SAFETY MEETING W/ RIG & CASING CREWS
Type Safety Meeting	Comment SAFETY MEETING WITH RIG CREW, CASING CREW & CEMENTERS
Date 11/30/2007 17 00	Description SAFETY MEETING W/RIG & CEMENT CREWS
Type Safety Meeting	Comment
Mud Additive Amounts	
Description	Type
Consumed	Units
Drill Strings: BHA #13, Silck	
Bit Number 4	Drill Bit Bt # 4 - 11, M716, JX0488
Depth In (ftKB) 4,085 0	Depth Out (ftKB) 4,085 0
Drilled (ft) 0 00	Drill Time (hrs) 0 00
BHA ROP (ft/hr)	
String Length (ft) 4,058 70	String Wt (1000lb) 139
OD (in) 8 000	IADC Bit Duit 3-1-BT-M-2-0-
TFA (in ²)	Nozzles (3/32") 12/12/12/12/12/12
Trip out of hole - Drilling Parameters 4,085.0 ftKB - 4,085.0 ftKB -	
WOB (1000lb) 18	RPM (rpm) 58
Motor R 18	Bit RPM 58
SPP (psi) 18	O (flow) (g) 18
Rot String Wt (100) 18	PU Str Wt (100) 18
SO Str Wt (100) 18	
Item Description	
OD (in)	ID (in)
Grade	Mass/Len (lbs/ft)
Top Thread	Len (ft)
Jts	
Drill Pipe	4 1/2 3 826 E 16 60 3,317.93 107
Drill Collar	6 1/2 2 250 99 45 550 72 18
XO Sub	7 15/16 2 313 2 22 2 22 1
Drill Collar	8 2 500 153 88 186 33 6
Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18 30
Depth Cut Pull (ft)	Set Depth (ftKB)
58 0	OD (in)
20	ID (in)
19 124	
Casing Description	Run Date
Surface	11/22/2007 14 00
Depth Cut Pull (ft)	Set Depth (ftKB)
18 0	564 0
OD (in)	ID (in)
13 3/8	12 715
Casing Description	Run Date
Intermediate	11/30/2007 11 30
Depth Cut Pull (ft)	Set Depth (ftKB)
18 0	4,085 0
OD (in)	ID (in)
8 5/8	8 097
General Rig Survey- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00
Survey Data	
Date	Description
11/30/2007 6 15 00 AM	General Rig Survey
Measured Depth (ftKB)	Inclination (°)
4,085 00	1 75
Azimuth (°)	0 00

KB (MD)

Schematic - Actual

-4,127

-4,027

-1,927

-77

-75

-33

-1

0

18

58

100

254

516

518

550

563

564

1,846

2,202

3,795

4,039

4,041

4,050

4,083

4,085

7,400

8,200

Conductor, 18-58

Original Hole, 26, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 18-564

Surface, 13 3/8, 18, 546 0

Original Hole, 11, 564-4,085

Intermediate, 8 5/8, -1, 4,085 9

TD, 4,085, 11/24/2007

Intermediate, 18-4,085



Yates Daily Drilling Report

Report Date: 12/1/2007

Report #: 43.0

GLOW WORM ALX FEDERAL #11

Day # 10

Bit Record					API/UWI	County	State	Surface Legal Location														
Bit Number	Drill Bit	Dull Out	Nozzles (3/32")		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C														
4	Bit # 4 - 11, M716, JX0488	-----	12/12/12/1		Operator	YATES PETROLEUM CORP		Hole Direction	VERTICAL	N/S Dist	330 0	N/S Ref	FNL	E/W Dist	2,310 0	E/W Ref	FWL	Gr Elev (ft)	3,438 00	Orig KB Elev	3,456 00	
Depth In (ft)	3,146 0	Depth Out (ft)	4,085 0	Depth Drill	939 00	Job Drill Hr	50 75	Avg ROP	18 5													
Jobs																						
AFE Number		073220		Total AFE Amount		1,983,700 00		Tgt Depth (ft)		8,200 0		Target Formation		BONE SPRINGS		Bottom Hole Legal Location		SEC 3/TWN 23S/RNG 31E/UNT C		Drill Hrs		187 50
Daily Cost Total		64,564 47		Cum Cost To Date		382,717 31		Daily Mud Cost				Mud Additive Cost To Date		3,977 00								
Day No		10		Report End Date		12/1/2007 05 59		Formation at Report Time		TOP OF SALT		Lithology		SALT/ANHYDRITE/LIME		Present Operations		WAIT ON CEMENT				
Depth End (ft)		4,085 0		Depth Start (ft)		4,085 0		Depth Progress (ft)		0 00		Drilling Hours (hrs)				Average ROP (ft/hr)						
Hole Direction: VERTICAL - Original Hole, 12/1/2007 5 59 0																						
Remarks																						
W-O-C																						
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)		8 70		Chlorides (ppm)		30,000		Calcium (ppm)				Solids (%)				LCM						
Funnel Viscosity (s/qt)		28		PV (cp)				YP (lb/100ft²)				Gel 10 sec (lb/100ft²)				Gel 10 min (lb/100ft²)				pH		7 5
Water Loss (mL/30min)				Filter Cake (3/32")				KCl (%)				Percent Oil (%)										
Time Log																						
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)		Comment								
06 00		0 25		06 15		0 25		SURVEY - WIRELINE		4,085 0		4,085 0		DROP TOTCO								
06 15		2 50		08 45		2 75		TRIP OUT		4,085 0				T-O-OH FOR CASING								
08 45		0 75		09 30		3 50		RIG UP EQUIPMENT		4,085 0				RIG UP LAY DOWN MACHINE								
09 30		0 75		10 15		4 25		TRIP OUT		4,085 0				LAY DOWN 8" BHA								
10 15		1 00		11 15		5 25		RIG UP EQUIPMENT		4,085 0				RIG UP CASING CREW & HOLD SAFETY MEETING								
11 15		4 00		15 15		9 25		RUN CASING		4,085 0				RUN 97 JOINTS OF 24# & 32# 8 5/8								
15 15		1 75		17 00		11 00		RIG UP CEMENTER AND CIRCULATE		4,085 0				WASH 8" TO BOTTOM & CIRCULATE BOTTOMS UP, PLUS ONE CASING VOLUME								
17 00		1 75		18 45		12 75		CEMENTING		4,085 0				CEMENT, LEAD 1100 SKS 35/65 (P/C)+6% D20+1% S1+5 PPS D24 + 0 125 PPS D130, TAIL 200 SKS C + 1% S1, PLUG DOWN @ 18 45 W/ 500 PSI OVER, FLOAT HELD, CIRCULATED 71 SKS								
18 45		11 25		06 00		24 00		WAIT ON CEMENT		4,085 0				CHANGE LINERS IN PUMPS & JET PITS								
Daily Costs																						
Cost Description		Cost Details		Cost		Vendor																
Drilling, Daywork				16,500 00		SILVER OAK DRILLING																
Drilling Water, Fasline Rental		Potable water		55 00		ACT EQUIPMENT																
Supervision & Overhead - Drilling				1,000 00		RGI INC																
Tools & Equip Rental, Etc - Completions		Other Rentals		15 00		DUDLEY SALES & SERVICE																
Supervision & Overhead - Drilling		Trailer Rental		75 00		CHARLIE'S ROUSTABOUT SERVICE																
Tools & Equip Rntl Trkg & Welding - Drilling				170 00		WEATHERFORD																
Drilling Water, Fasline Rental		Water Hauling		4,810 00		SIERRA																
Tools & Equip Rntl Trkg & Welding - Drilling				427 25		FLAMING EAGLE																
Casing		Casing Crews		2,472 00		ALLEN'S CASING																
Casing		Casing Crews		2,150 00		ALLEN'S CASING																
Cementing - Surface & Intermediate Casing				34,540 68		DOWELL SCHLUMBERGER																
Cementing - Surface & Intermediate Casing				2,349 54		DAVIS-LYNCH																
Daily Contacts																						
Job Contact		Company		Phone Mobile																		
GENE CUTRELL, DRILLING CONSULTANT		RGI		575-369-6418																		
Job Contact		Company		Phone Mobile																		
TIM BUSSELL, DRLG SUPERINTENDENT		YATES		575-365-5695																		
Job Contact		Company		Phone Mobile																		
RIG FLOOR - 6, RIG PHONE		SILVER OAK		575-513-2114																		
Job Contact		Company		Phone Mobile																		
JOSH HEDRICK, TOOLPUSHER		SILVER OAK		575-513 2117																		
Job Contact		Company		Phone Mobile																		
MIKE HILL, ENGINEER		YATES		505-365-8706																		

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

Original Hole, 17 1/2, 58-564

Original Hole, 11, 564-4,085

Intermediate, 8 5/8, -1, 4,085 9 TD, 4,085, 11/24/2007

Surface, 18-564

Surface, 13 3/8, 18, 546 0

Intermediate, 18-4,085

4,127

4,027

-1,927

-77

-75

-33

-1

0

18

58

100

254

516

518

550

563

564

1,846

2,202

3,795

4,039

4,041

4,050

4,083

4,085

7,400

8,200



Yates Daily Drilling Report

Report Date: 12/2/2007

GLOW WORM ALX FEDERAL #11

Report #: 44.0

Day # 11

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 11/19/2007 06 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 6 1/2	Start Date 11/19/2007 06 00
End Date 7/31/2008 05 59	Maximum Pressure (psi) 0 092
Vol/Str - 100% (bbVs) 0 092	
Liner Size (in) 6 1/2	Start Date 12/1/2007 06 00
End Date 12/2/2007 05 59	Maximum Pressure (psi) 0 092
Vol/Str - 100% (bbVs) 0 092	
Pump Checks	
Pump Number 1	Date 12/2/2007 05 59
Depth (ftKB) 4,154 0	Slow Spd No
Strokes (spm) 102	Pressure (psi) 1,000 0
Mud Pumps - 2	
No 2	Start Date 11/19/2007 00 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 6 1/2	Start Date 11/19/2007 06 00
End Date 7/31/2008 05 59	Maximum Pressure (psi) 0 092
Vol/Str - 100% (bbVs) 0 092	
Liner Size (in) 6 1/2	Start Date 12/1/2007 06 00
End Date 12/2/2007 05 59	Maximum Pressure (psi) 0 092
Vol/Str - 100% (bbVs) 0 092	
Pump Checks	
Pump Number 2	Date 12/2/2007 05 59
Depth (ftKB) 4,154 0	Slow Spd No
Strokes (spm) 0	Pressure (psi) 0 0
Safety Checks	
Date	Description
Type	Comment
Mud Additive Amounts	
Description Lime	Type Alkalinity control
Consumed 3 0	Units sacks
Description Caustic Soda	Type Alkalinity control
Consumed 4 0	Units sacks
Drill Strings: BHA #14, Packed Hole	
Bit Number 5	Drill Bit BH # 5 7/8 DPS052X 7117067
Depth In (ftKB) 4,085 0	Depth Out (ftKB) 4,154 0
Drilled (ft) 69 00	Drill Time (hrs) 5 50
BHA ROP (ft/hr) 12 5	
String Length (ft) 4,114 52	String Wt (1000lb) 113
OD (in) 6 500	IADC Bit Duit -----
TFA (in) -----	Nozzles (1/32") 15/15/15/15
Drill Form - Drilling Parameters 4,085.0 ftKB - 4,154.0 ftKB -	
WOB (1000lb) 10	RPM (rpm) 60
Motor R 60	Bit RPM 120
SPP (psi) 1,000 0	Q (flow) (g) 376
Rot String Wt (100) 106	PU Str Wt (100) 107
SO Str Wt (100) 105	
Item Description	
OD (in)	ID (in)
Grade	Mass/Len (lbs/ft)
Top Thread	Len (ft)
Its	
Drill Pipe	4 1/2 3.826 E 16 60 3,519 40 113
Drill Collar	6 1/2 2 250 99.45 520 01 17
Reamer - 3 Pt	6 1/2 2 000 6 27 1
Drill Collar	6 1/2 2 250 99 45 30 26 1
Reamer - 3 Pt	6 1/2 2 250 7 11 1
Float Sub	6 1/2 2 000 3 50 1
Mud Motor	6 1/2 2 000 27.17 1
Casing Strings	
Casing Description Conductor	Run Date 11/17/2007 18 30
Depth Cut Pull (ft) 58 0	Set Depth (ftKB) 20
OD (in) 19 124	ID (in) 12 715
Casing Description Surface	Run Date 11/22/2007 14 00
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 564 0
OD (in) 13 3/8	ID (in) 8 097
Casing Description Intermediate	Run Date 11/30/2007 11 30
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 4,085 0
OD (in) 8 5/8	ID (in) 8 097
General Rig Survey- Original Hole	
Wellbore Name Original Hole	Parent Wellbore
Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C	Hole Direction VERTICAL
Job New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00	
Survey Data	
Date	Description
Measured Depth (ftKB) General Rig Survey	Inclination (°)
Azimuth (°)	

Hole Direction: VERTICAL - Original Hole, 12/2/2007 5:59 0.
ftKB (MD) Schematic - Actual

Original Hole, 26, 18-58
Conductor, 20, 18, 40 0
Original Hole, 17 1/2, 58-564
Surface, 18-564
Surface, 13 3/8, 18, 546 0
Original Hole, 11, 564-4,085
Intermediate, 8 5/8, 18, 4,067 0
Original Hole, 7 7/8, 4,085-6,584 TD, 6,584, 12/1/2007



Yates Daily Drilling Report

Report Date: 12/2/2007

GLOW WORM ALX FEDERAL #11

Report #: 44.0

Day # 11

Bit Record					AP/UWI	County	State	Surface Legal Location				
Bit Number 5	Drill Bit Bit # 5 - 7 7/8, DP505ZX, 7117067	Drill Out -----	Nozzles (3/2") 15/15/15/15/15		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C				
Operator YATES PETROLEUM CORP					Hole Direction VERTICAL		N/S Dist 330 0	N/S Ref FNL	E/W Dist 2,310 0	E/W Ref FWL	Gr Elev (ft) 3,438 00	Orig KB Elev 3,456 00
Depth in (ft) 4,085 0					Depth Out (ft) 4,154 0	Depth Drill 2,499 00	Job Drill Hr 47 25	Avg ROP 52 9				
Jobs												
AFE Number 073220		Total AFE Amount 1,983,700 00		Tgt Depth (ft) 8,200 0	Target Formation BONE SPRINGS		Bottom Hole Legal Location SEC 3/TWN 23S/RNG 31E/UNT C		Drill Hrs 187 50			
Daily Cost Total 35,538 17		Cum Cost To Date 418,255 48		Daily Mud Cost 4,000 00		Mud Additive Cost To Date 7,977 00						
Day No 11	Report End Date 12/2/2007 05 59	Formation at Report Time BELL CANYON		Lithology LIME	Present Operations DRILLING							
Hole Direction VERTICAL - Original Hole, 12/2/2007 5 59 0.												
Schematic - Actual												
Depth End (ft) 4,154 0					Depth Start (ft) 4,085 0		Depth Progress (ft) 69 00		Drilling Hours (hrs) 5 50		Average ROP (ft/hr) 12 5	
Remarks DRILL NEW HOLE												
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) 8 80		Chlorides (ppm) 38,000		Calcium (ppm) 2,800		Solids (%) 0 3		LCM				
Funnel Viscosity (s/qt) 28		PV (cp) YP (lb/100ft) Water Loss (ml/30min)		Filter Cake (3/2")		KCl (%)		Gel 10 min (lb/100ft) pH 10 5				
Comment												
Time Log												
Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ft)	Depth End (ft)	Comment					
06 00	0 75	06 45	0 75	WAIT ON CEMENT	4,085 0	4,085 0	WOC					
06 45	3 00	09 45	3 75	CUT OFF CASING/WELD ON WELLHEAD	4,085 0		CUT OFF & WELD HEAD					
09 45	5 00	14 45	8 75	NIPPLE UP/DOWN BOP STACK	4,085 0							
14 45	3 00	17 45	11 75	TEST BOP	4,085 0		TEST 250 LOW 3000 HIGH/ANNULAR 250 / 1500 ALL OK					
17 45	4 25	22 00	16 00	TRIP IN	4,085 0		PICK UP BHA & TIH					
22 00	1 50	23 30	17 50	DRILL CEMENT PLUGS	4,085 0		DRILL CEMENT, PLUG & FLOAT					
23 30	0 50	00 00	18 00	TEST CASING	4,085 0		TEST CASING 1000 PSI, OK					
00 00	0 25	00 15	18 25	DRILLING	4,085 0	4,090 0	DRILL CEMENT AND 5' FORMATION					
00 15	0 50	00 45	18 75	TEST FORMATION	4,090 0		TEST FORMATION TO 1000 PSI OK					
00 45	5 25	06 00	24 00	DRILLING	4,090 0	4,154 0	DRILL NEW HOLE					
Daily Costs												
Cost Description		Cost Details		Cost		Vendor						
Drilling, Daywork				16,500 00		SILVER OAK DRILLING						
Drilling Water, Fasline Rental		Potable water		55 00		ACT EQUIPMENT						
Supervision & Overhead - Drilling				1,000 00		RGI INC						
Tools & Equip Rental, Etc - Completions		Other Rentals		15 00		DUDLEY SALES & SERVICE						
Supervision & Overhead - Drilling		Trailer Rental		75 00		CHARLIE'S ROUSTABOUT SERVICE						
Tools & Equip Rntl Trkg & Welding - Drilling				170 00		WEATHERFORD						
Bits, Tool & Supplies Purchase - Drilling				9,500 00		HUGHES TOOL						
Tools & Equip Rntl Trkg & Welding - Drilling		Yellow Jacket		1,321 40		MAN WELDING						
Tools & Equip Rntl Trkg & Welding - Drilling				811 77		FLAMING EAGLE						
Mud Logging Unit, Sample Bags				900 00		MORECO						
Bits, Tool & Supplies Purchase - Drilling				1,190 00		PATHFINDER						
Drilling Mud & Additives				4,000 00		ARTESIA LUMBER COMPANY						
Daily Contacts												
Job Contact		Company		Phone Mobile								
GENE CUTRELL, DRILLING CONSULTANT		RGI		575-369-6418								
Job Contact		Company		Phone Mobile								
TIM BUSSELL, DRLG SUPERINTENDENT		YATES		575-365-5695								
Job Contact		Company		Phone Mobile								
RIG FLOOR - 6, RIG PHONE		SILVER OAK		575-513-2114								
Job Contact		Company		Phone Mobile								
JOSH HEDRICK, TOOLPUSHER		SILVER OAK		575-513-2117								
Job Contact		Company		Phone Mobile								
MIKE HILL, ENGINEER		YATES		505-365-8706								



Yates Daily Drilling Report

Report Date: 12/3/2007

GLOW WORM ALX FEDERAL #11

Report #: 45.0

Day # 12

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 11/19/2007 06 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 6 1/2	Start Date 11/19/2007 06 00
End Date 7/31/2008 05 59	Maximum Pressure (psi) 0 092
Vol/Stk - 100% (bbl/s)	0 092

Pump Checks	
Pump Number 1	Date 12/3/2007 05 59
Depth (ftKB) 5,462.0	Slow Spd No
Strokes (spm) 0	Pressure (psi) 0 0

Mud Pumps - 2	
No 2	Start Date 11/19/2007 00 00
Make Continental Emsco	Model F 800
Pwr (hp) 800 0	Rod Dia (in) 2 1/2
Liner Size (in) 6 1/2	Start Date 11/19/2007 06 00
End Date 7/31/2008 05 59	Maximum Pressure (psi) 0 092
Vol/Stk - 100% (bbl/s)	0 092

Pump Checks	
Pump Number 2	Date 12/3/2007 05 59
Depth (ftKB) 5,462 0	Slow Spd Yes
Strokes (spm) 73	Pressure (psi) 250 0

Pump Checks	
Pump Number 2	Date 12/3/2007 05 59
Depth (ftKB) 5,462 0	Slow Spd No
Strokes (spm) 102	Pressure (psi) 1,100 0

Safety Checks	
Date	Description
Type	Comment

Mud Additive Amounts	
Description Lime	Type Alkalinity control
Consumed 4 0	Units sacks
Description Caustic Soda	Type Alkalinity control
Consumed 5 0	Units sacks
Description MF 55	Type Flocculant
Consumed 8 0	Units gals
Description Salt Water Gel	Type
Consumed 36 0	Units sacks

Drill Strings: BHA #15, Packed Hole	
Bit Number 5	Drill Bit BX # 5 7/8 DP50ZX 1111067
Depth In (ftKB) 4,154 0	Depth Out (ftKB) 5,462.0
Drilled (ft) 1,308 00	Drill Time (hrs) 20 75
BHA ROP (ft/hr) 63 0	
String Length (ft) 5,422.76	String Wt (1000lb) 135
OD (in) 6 500	ADC Bit Dull -----
TFA (in) -----	Nozzles (3/32") 15/15/15/15

Drill Form - Drilling Parameters 4,154.0 ftKB - 5,462.0 ftKB -	
WOB (1000lb) 25	RPM (rpm) 65
Motor R 60	Bit RPM 125
SPP (psi) 1,100 0	G (flow) (g) 376
Rot String Wt (lb) 132	PU Str Wt (100) 136
SO Str Wt (100) 127	

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	E	16 60		4,827 64	155
Drill Collar	6 1/2	2 250		99.45		520 01	17
Reamer - 3 Pt	6 1/2	2 000				6 27	1
Drill Collar	6 1/2	2 250		99.45		30 26	1
Reamer - 3 Pt	6 1/2	2 250				7 11	1
Float Sub	6 1/2	2 000				3 50	1
Mud Motor	6 1/2	2 000				27 17	1

Casing Strings	
Casing Description Conductor	Run Date 11/17/2007 18 30
Depth Cut Pull (ft) 58 0	Set Depth (ftKB) 20
OD (in) 19 124	ID (in) 19 124
Casing Description Surface	Run Date 11/22/2007 14 00
Depth Cut Pull (ft) 18.0	Set Depth (ftKB) 564.0
OD (in) 13 3/8	ID (in) 12 715
Casing Description Intermediate	Run Date 11/30/2007 11.30
Depth Cut Pull (ft) 18 0	Set Depth (ftKB) 4,085 0
OD (in) 8 5/8	ID (in) 8 097

General Rig Survey- Original Hole	
Wellbore Name Original Hole	Parent Wellbore SEC 3/TWN 23S/RNG 31E/UNT C
Bottom Hole Legal Location VERTICAL	Hole Direction Job
New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00	

Survey Data	
Date 12/2/2007 11 15:00 AM	Description General Rig Survey
Measured Depth (ftKB) 4,332 00	Inclination (°) 1.75
Azimuth (°) 0 00	
Date 12/2/2007 4 00 00 PM	Description General Rig Survey
Measured Depth (ftKB) 4,582 00	Inclination (°) 0 75
Azimuth (°) 0 00	
Date 12/2/2007 8 45 00 PM	Description General Rig Survey
Measured Depth (ftKB) 4,874 00	Inclination (°) 0 25
Azimuth (°) 0 00	

Hole Direction: VERTICAL - Original Hole, 12/3/2007 5.59 0	
ftKB (MD)	Schematic - Actual
-4,127	
-4,027	
-1,927	
-77	
-75	
-33	
-1	
0	
18	Conductor, 18-58
39	Original Hole, 26, 18-58
58	Conductor, 20, 18, 40 0
100	
254	Original Hole, 17 1/2, 58-564
516	
518	
550	
563	
564	Surface, 18-564
1,846	Surface, 13 3/8, 18, 546 0
2,202	Original Hole, 11, 564-4,085
3,795	
4,039	
4,041	
4,050	
4,083	
4,085	Intermediate, 8 5/8, 18, 4,067 0
4,867	Original Hole, 7 7/8, 4,085-5,462
5,387	
5,393	
5,424	
5,430	
5,434	
5,461	
5,462	TD, 5,462, 12/1/2007
7,400	
8,200	



Yates Daily Drilling Report

Report Date: 12/3/2007

Report #: 45.0

GLOW WORM ALX FEDERAL #11

Day # 12

Bit Record					API/UWI	County	State	Surface Legal Location				
Bit Number	Drill Bit	Drill Out	Nozzles (3/32")		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C				
5	Bit # 5 - 7 7/8, DP505ZX, 7117067	-----	15/15/15/15		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	2,310 0	FWL	3,438 00	3,456 00
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Jobs							
4,085 0	5,462 0	1,377 00	26 25	52 5	A/E Number	Total A/E Amount	Tgt Depth (ftKB)	Target Formation	Bottom Hole Legal Location			Drill Hrs
					073220	1,983,700 00	8,200 0	BONE SPRINGS	SEC 3/TWN 23S/RNG 31E/UNT C			166 50
					Daily Cost Total	Cum Cost To Date	Daily Mud Cost	Mud Additive Cost To Date				
					23,777 00	442,032 48	597 00	8,574 00				
Day No	Report End Date	Formation at Report Time	Lithology	Present Operations								
12	12/3/2007 05 59	CHERRY CANYON	70% SAND, 20% SHALE, 10% LIME	DRILLING								
Hole Direction: VERTICAL - Original Hole, 12/3/2007 5 59 0					Depth End (ftKB)	Depth Start (ftKB)	Depth Progress (ft)	Drilling Hours (hrs)	Average ROP (ft/hr)			
ftKB (MD)					5,462 0	4,154 0	1,308 00	20 75	63 0			
Schematic - Actual					Remarks							
-4,127					DRILL NEW HOLE							
-4,027					Avg Background Gas (unit)							
					20 00							
-1,927					Max Background Gas (unit)							
					50 00							
-77					Avg Trip Gas (unit)							
					80 00							
-75					Max Trip Gas (unit)							
					Flare							
-33					Mud Checks							
-1					Weight (lb/gal)							
0					9 00							
18					Chlorides (ppm)							
					38,000							
39					Calcium (ppm)							
					0 8							
58					Solids (%)							
					LCM							
100					Funnel Viscosity (s/qt)							
					28							
254					PV (cp)							
					YP (lb/100ft)							
516					Gel 10 sec (lb/100ft)							
					Gel 10 min (lb/100ft)							
518					pH							
					10 0							
550					Water Loss (ml/30min)							
					Filter Cake (3/32")							
563					KCl (%)							
					Percent Oil (%)							
564					Comment							
1,846												
2,202												
3,795												
4,039												
4,041												
4,050												
4,083												
4,085												
4,867												
5,387												
5,393												
5,424												
5,430												
5,434												
5,461												
5,462												
7,400												
8,200												
					Time Log							
					Start Time	Dur (hrs)	End Time	Cum Dur (hrs)	Time Code	Depth Start (ftKB)	Depth End (ftKB)	Comment
					06 00	0 75	06 45	0 75	DRILLING	4,154 0	4,185 0	DRILL NEW HOLE
					06 45	0 75	07 30	1 50	SERVICE RIG	4,185 0		
					07 30	0 25	07 45	1 75	RIG REPAIR	4,185 0		REPAIR AUTO DRILLER
					07 45	3 50	11 15	5 25	DRILLING	4,185 0	4,403 0	DRILL NEW HOLE
					11 15	0 50	11 45	5 75	SURVEY - WIRELINE	4,403 0		SURVEY @ 4332' - 1 75'
					11 45	0 75	12 30	6 50	DRILLING	4,403 0	4,435 0	DRILL NEW HOLE
					12 30	0 50	13 00	7 00	INSTALL ROTATING HEAD RUBBER	4,435 0		
					13 00	2 75	15 45	9 75	DRILLING	4,435 0	4,653 0	DRILL NEW HOLE
					15 45	0 25	16 00	10 00	RIG REPAIR	4,653 0		ADJUST DRUM BRAKES
					16 00	0 50	16 30	10 50	SURVEY - WIRELINE	4,653 0		SURVEY @ 4582' - 75'
					16 30	4 25	20 45	14 75	DRILLING	4,653 0	4,965 0	DRILL NEW HOLE
					20 45	0 50	21 15	15 25	SURVEY - WIRELINE	4,965 0		SURVEY @ 4874' - 25'
					21 15	8 75	06 00	24 00	DRILLING	4,965 0	5,462 0	DRILL NEW HOLE
					Daily Costs							
					Cost Description		Cost Details		Cost	Vendor		
					Drilling, Daywork				16,500 00	SILVER OAK DRILLING		
					Drilling Water, Fasline Rental		Potable water		55 00	ACT EQUIPMENT		
					Supervision & Overhead - Drilling				1,000 00	RGI INC		
					Tools & Equip. Rental, Etc - Completions		Other Rentals		15 00	DUDLEY SALES & SERVICE		
					Supervision & Overhead - Drilling		Trailer Rental		75 00	CHARLIE'S ROUSTABOUT SERVICE		
					Tools&Equip. Rntl Trkg &Welding-Drilling				170 00	WEATHERFORD		
					Mud Logging Unit, Sample Bags				900 00	MORECO		
					Bits, Tool & Supplies Purchase - Drilling				4,080 00	PATHFINDER		
					Drilling Mud & Additives				597 00	ARTESIA LUMBER COMPANY		
					Tools&Equip. Rntl Trkg &Welding-Drilling		Safety Equipment		330 00	CALLAWAY SAFETY		
					Tools&Equip. Rntl Trkg &Welding-Drilling		Safety Equipment		55 00	CALLAWAY SAFETY		
					Daily Contacts							
					Job Contact		Company		Phone Mobile			
					GENE CUTRELL, DRILLING CONSULTANT		RGI		575-369-6418			
					Job Contact		Company		Phone Mobile			
					TIM BUSSELL, DRLG SUPERINTENDENT		YATES		575-365-5695			
					Job Contact		Company		Phone Mobile			
					RIG FLOOR - 6, RIG PHONE		SILVER OAK		575-513-2114			
					Job Contact		Company		Phone Mobile			
					JOSH HEDRICK, TOOLPUSHER		SILVER OAK		575-513 2117			
					Job Contact		Company		Phone Mobile			
					MIKE HILL, ENGINEER		YATES		505-365-8706			
					Job Contact		Company		Phone Mobile			
					RAY PODANY, GEOLOGIST		YATES		505-365-4190			
					Job Contact		Company		Phone Mobile			
					JANET RICHARDSON, LANDMAN		YATES					



Yates Daily Drilling Report

Report Date: 12/4/2007

GLOW WORM ALX FEDERAL #11

Report #: 46.0

Day # 13

Pump Checks	
Pump Number	Date
1	12/4/2007 05 59
Depth (ftKB)	6,584 0
Slow Spd	No
Strokes (spm)	0
Pressure (psi)	0 0

Mud Pumps - 2	
No	Start Date
2	11/19/2007 00 00
Make	Continental Emsco
Model	F 800
Pwr (hp)	800 0
Rod Dia (in)	2 1/2
Liner Size (in)	6 1/2
Start Date	11/19/2007 06 00
End Date	7/31/2008 05 59
Maximum Pressure (psi)	
Vol/Str	100% (bb/s)
	0 092

Pump Checks	
Pump Number	Date
2	12/4/2007 05 59
Depth (ftKB)	6,584 0
Slow Spd	No
Strokes (spm)	103
Pressure (psi)	1,100 0

Pump Checks	
Pump Number	Date
2	12/4/2007 05 59
Depth (ftKB)	6,584 0
Slow Spd	Yes
Strokes (spm)	77
Pressure (psi)	450 0

Safety Checks	
Date	Description

Mud Additive Amounts	
Description	Type
Lime	Alkalinity control
Consumed	3 0 sacks
Description	Type
MF 55	Flocculant
Consumed	5 0 gals
Description	Type
Caustic Soda	Alkalinity control
Consumed	6.0 sacks
Description	Type
Salt Water Gel	
Consumed	51 0 sacks

Drill Strings: BHA #16, Packed Hole	
Bit Number	Drill Bit
5	BA # 5 7/8 DP505ZX 7117067
Depth In (ftKB)	5,462 0
Depth Out (ftKB)	6,584 0
Drilled (ft)	1,122 00
Drill Time (hrs)	21 00
BHA ROP (ft/hr)	53 4
String Length (ft)	6,541 25
String Wt (1000lb)	153
OD (in)	6 500
IADC Bit Duit	-----
TF A (in ²)	
Nozzles (1/32")	15/15/15/15

Drill Form - Drilling Parameters 5,462.0 ftKB - 6,584.0 ftKB -	
WOB (1000lb)	RPM (rpm)
30	65
Motor R	Bit RPM
61	126
SPP (psi)	Q (flow) (g)
1,100.0	380
Rot String Wt (100)	PU Str Wt (100)
145	147
SO Str Wt (100)	
142	

Item Description	OD (in)	ID (in)	Grade	Mass/Len (lbs/ft)	Top Thread	Len (ft)	Jts
Drill Pipe	4 1/2	3.826	E	16 60		5,946 13	191
Drill Collar	6 1/2	2 250		99 45		520 01	17
Reamer - 3 Pt	6 1/2	2 000				6 27	1
Drill Collar	6 1/2	2 250		99 45		30 26	1
Reamer - 3 Pt	6 1/2	2 250				7.11	1
Float Sub	6 1/2	2.000				3 50	1
Mud Motor	6 1/2	2 000				27 17	1

Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18 30
Depth Cut Pull (ft)	58 0
Set Depth (ftKB)	20
OD (in)	19 124
ID (in)	
Casing Description	Run Date
Surface	11/22/2007 14 00
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	564 0
OD (in)	13 3/8
ID (in)	12 715
Casing Description	Run Date
Intermediate	11/30/2007 11 30
Depth Cut Pull (ft)	18 0
Set Depth (ftKB)	4,085 0
OD (in)	8 5/8
ID (in)	8 097

General Rig Survey- Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	
Bottom Hole Legal Location	Hole Direction
SEC 3/TWN 23S/RNG 31E/UNT C	VERTICAL
Job	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00

Survey Data	
Date	Description
12/3/2007 8 15.00 AM	General Rig Survey
Measured Depth (ftKB)	5,422 00
Inclination (°)	0 75
Azimuth (°)	0 00
Date	Description
12/3/2007 6 00 00 PM	General Rig Survey
Measured Depth (ftKB)	5,920 00
Inclination (°)	0 25
Azimuth (°)	0 00
Date	Description
12/4/2007 3 15.00 AM	General Rig Survey
Measured Depth (ftKB)	6,419 00
Inclination (°)	0 25
Azimuth (°)	0.00

TD, 6,584, 12/1/2007



Yates Daily Drilling Report

Report Date: 12/4/2007

GLOW WORM ALX FEDERAL #11

Report #: 46.0

Day # 13

Bit Record					API/JWI		County		State		Surface Legal Location				
Bit Number	Drill Bit	Dull Out	Nozzles (32")												
5	Bit # 5 - 7 7/8, DP505ZX, 7117067	-----	15/15/15/15		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C							
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	2,310 0	FWL	3,438 00	3,456 00			
Depth In (ft)					Depth Out (ft)		Job Drill Hr		Avg ROP						
4,085 0					6,584 0		2,499 00		47 25		52 9				
Jobs															
AFE Number		Total AFE Amount		Tgt Depth (ft)		Target Formation		Bottom Hole Legal Location				Drill Hrs			
073220		1,983,700 00		8,200 0		BONE SPRINGS		SEC 3/TWN 23S/RNG 31E/UNT C				187 50			
Daily Cost Total					Cum Cost To Date					Daily Mud Cost		Mud Additive Cost To Date			
24,770 00					466,802 48					984 00		9,558 00			
Day No		Report End Date		Formation at Report Time		Lithology		Present Operations							
13		12/4/2007 05 59		BRUSHY CANYON		50% SAND / 50% SHALE		DRILLING							
Depth End (ft)					Depth Start (ft)		Depth Progress (ft)		Drilling Hours (hrs)		Average ROP (ft/hr)				
6,584 0					5,462 0		1,122 00		21 00		53 4				
Remarks															
DRILL NEW HOLE															
Avg Background Gas (unit)					Max Background Gas (unit)					Avg Connection Gas (unit)					
15 00					20 00					40 00					
Avg Trip Gas (unit)					Max Trip Gas (unit)					Flare					
Mud Checks															
Weight (lb/gal)					Chlorides (ppm)					Calcium (ppm)					
8 90					36,000					2,800					
Funnel Viscosity (s/qt)					PV (cp)					YP (lb/100ft)					
28										Gel 10 sec (lb/100ft)					
										Gel 10 min (lb/100ft)					
										pH					
										10 0					
Water Loss (mL/30min)					Filter Cake (32")					KO (%)					
										Percent Oil (%)					
Time Log															
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)			
06 00		1 50		07 30		1 50		DRILLING		5,462 0		5,493 0			
07 30		0 75		08 15		2 25		SERVICE RIG		5,493 0					
08 15		0 75		09 00		3 00		SURVEY - WIRELINE		5,493 0		SURVEY @ 5422' - 75'			
09 00		0 25		09 15		3 25		RIG REPAIR		5,493 0		SWITCH LIGHT PLANT			
09 15		8 75		18 00		12 00		DRILLING		5,493 0		5,992 0			
18 00		0 50		18 30		12 50		SURVEY - WIRELINE		5,992 0		SURVEY @ 5920' - 25'			
18 30		8 75		03 15		21 25		DRILLING		5,992 0		6,490 0			
03 15		0 75		04 00		22 00		SURVEY - WIRELINE		6,490 0		SURVEY @ 6419' - 25'			
04 00		2 00		06 00		24 00		DRILLING		6,490 0		6,584 0			
								DRILL NEW HOLE							
Daily Costs															
Cost Description					Cost Details					Cost		Vendor			
Drilling, Daywork										16,500 00		SILVER OAK DRILLING			
Drilling Water, Fasline Rental					Potable water					55 00		ACT EQUIPMENT			
Supervision & Overhead - Drilling										1,000 00		RGI INC.			
Tools & Equip Rental, Etc - Completions					Other Rentals					15 00		DUDLEY SALES & SERVICE			
Supervision & Overhead - Drilling					Trailer Rental					75 00		CHARLIE'S ROUSTABOUT SERVICE			
Tools & Equip Rntl Trkg & Welding-Drilling										170 00		WEATHERFORD			
Mud Logging Unit, Sample Bags										900 00		MORECO			
Bits, Tool & Supplies Purchase - Drilling										4,080 00		PATHFINDER			
Tools & Equip Rntl Trkg & Welding-Drilling					Safety Equipment					55 00		CALLAWAY SAFETY			
Drilling Mud & Additives										984 00		ARTESIA LUMBER COMPANY			
Drilling Water, Fasline Rental					Water Hauling					936 00		SIERRA TRUCKING			
Daily Contacts															
Job Contact					Company					Phone Mobile					
GENE CUTRELL, DRILLING CONSULTANT					RGI					575-369-6418					
Job Contact					Company					Phone Mobile					
TIM BUSSELL, DRLG SUPERINTENDENT					YATES					575-365-5695					
Job Contact					Company					Phone Mobile					
RIG FLOOR - 6, RIG PHONE					SILVER OAK					575-513-2114					
Job Contact					Company					Phone Mobile					
JOSH HEDRICK, TOOLPUSHER					SILVER OAK					575-513 2117					
Job Contact					Company					Phone Mobile					
MIKE HILL, ENGINEER					YATES					505-365-8706					
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		11/19/2007 06 00		Continental Emsco		F 800		800 0		2 1/2					
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Stk - 100% (bbl/s)							
6 1/2		11/19/2007 06 00		7/31/2008 05 59				0 092							

Depth (ft)

Original Hole, 26, 18-58

Conductor, 18-58

Conductor, 20, 18, 40 0

Original Hole, 17 1/2, 58-564

Surface, 18-564

Surface, 13 3/8, 18, 546 0

Original Hole, 11, 564-4,085

Intermediate, 8 5/8, 18, 4,067 0

Original Hole, 7 7/8, 4,085-6,584

Intermediate, 18-4,085

TD, 6,584, 12/1/2007



Yates Daily Drilling Report

Report Date: 12/5/2007

Report #: 47.0

GLOW WORM ALX FEDERAL #11

Day # 14

Bit Record					API/UWI	County	State	Surface Legal Location																																																			
Bit Number	Drill Bit	Dull Out	Nozzles (32")		3001535313	EDDY	NEW MEXICO	SEC 3/TWN 23S/RNG 31E/UNT C																																																			
5	Bit # 5 - 7 7/8, DP505ZX, 7117067		15/15/15/15		Operator	YATES PETROLEUM CORP	Hole Direction	VERTICAL	N/S Dist	330 0	N/S Ref	FNL	E/W Dist	2,310.0	E/W Ref	FWL	Gr Elev (ft)	3,438 00	Orig KB Elev	3,456 00																																							
Depth In (ft)	4,085 0	Depth Out (ft)	7,954 0	Depth Drill	3,869 00	Job Drill Hr	69 75	Avg ROP	55 5																																																		
Jobs																																																											
AFE Number		073220		Total AFE Amount		1,983,700 00		Tgt Depth (ft)		8,200 0		Target Formation		BONE SPRINGS		Bottom Hole Legal Location		SEC 3/TWN 23S/RNG 31E/UNT C		Drill Hrs		210 00																																					
Daily Cost Total				26,326 13				Cum Cost To Date				592,322.31				Daily Mud Cost								Mud Additive Cost To Date				9,558 00																															
Day No		14		Report End Date		12/5/2007 05 59		Formation at Report Time		BRUSHY CANYON		Lithology		10% SHALE / 90% SAND STONE		Present Operations		DRILLING																																									
Depth End (ft)		7,954 0		Depth Start (ft)		6,584.0		Depth Progress (ft)		1,370 00		Drilling Hours (hrs)		22 50		Average ROP (ft/hr)		60 9																																									
Remarks																																																											
DRILL NEW HOLE / CURRENT WATER FLOW @ 22 BBLS AN HOUR																																																											
Avg Background Gas (unit)					30 00					Max Background Gas (unit)					70 00					Avg Connection Gas (unit)					40 00					Max Connection Gas (unit)																													
Avg Trip Gas (unit)										Max Trip Gas (unit)										Flare																																							
Mud Checks																																																											
Weight (lb/gal)					8 90					Chlorides (ppm)					36,000					Calcium (ppm)					2,800					Solids (%)					LCM																								
Funnel Viscosity (s/qt)					28					PV (cp)										YP (lb/100ft ²)										Gel 10 sec (lb/100ft ²)										Gel 10 min (lb/100ft ²)										pH					10 0				
Water Loss (mL/30min)										Filter Cake (32")										KCl (%)										Percent Oil (%)																													
Comment																																																											
RAISING WT TO 9 1/2 TO TRY AND STOP WATER FLOW																																																											
Time Log																																																											
Start Time		Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ft)		Depth End (ft)		Comment																																													
06 00		5 25		11 15		5 25		DRILLING		6,584 0		6,988 0		DRILL NEW HOLE																																													
11 15		0 50		11 45		5 75		SERVICE RIG		6,988 0																																																	
11 45		0 50		12 15		6 25		SURVEY - WIRELINE		6,988 0				SURVEY @ 6917" - 50"																																													
12 15		9 25		21 30		15 50		DRILLING		6,988 0		7,413 0		DRILL NEW HOLE																																													
21 30		0 50		22 00		16 00		SURVEY - WIRELINE		7,413 0				SURVEY @ 7373" - 100"																																													
22 00		8 00		06 00		24 00		DRILLING		7,413 0		7,954 0		DRILL NEW HOLE																																													
Daily Costs																																																											
Cost Description					Cost Details					Cost					Vendor																																												
Drilling, Daywork										16,500.00					SILVER OAK DRILLING																																												
Drilling Water, Fasline Rental					Potable water					55 00					ACT EQUIPMENT																																												
Supervision & Overhead - Drilling										1,000 00					RGI INC.																																												
Tools & Equip Rental, Etc - Completions					Other Rentals					15.00					DUDLEY SALES & SERVICE																																												
Supervision & Overhead - Drilling					Trailer Rental					75.00					CHARLIE'S ROUSTABOUT SERVICE																																												
Tools & Equip. Rntl Trkg & Welding - Drilling										170 00					WEATHERFORD																																												
Mud Logging Unit, Sample Bags										900 00					MORECO																																												
Bits, Tool & Supplies Purchase - Drilling										4,080 00					PATHFINDER																																												
Tools & Equip Rntl Trkg & Welding - Drilling					Safety Equipment					55.00					CALLAWAY SAFETY																																												
Casing Inspection - All Strngs										1,636 13					CHARLIE'S ROUSTABOUT SERVICE																																												
Drilling Water, Fasline Rental					Water Hauling					1,840 00					SIERRA TRUCKING																																												
Daily Contacts																																																											
Job Contact										Company					Phone Mobile																																												
GENE CUTRELL, DRILLING CONSULTANT										RGI					575-369-6418																																												
Job Contact										Company					Phone Mobile																																												
TIM BUSSELL, DRLG SUPERINTENDENT										YATES					575-365-5695																																												
Job Contact										Company					Phone Mobile																																												
RIG FLOOR - 6, RIG PHONE										SILVER OAK					575-513-2114																																												
Job Contact										Company					Phone Mobile																																												
JOSH HEDRICK, TOOLPUSHER										SILVER OAK					575-513 2117																																												
Job Contact										Company					Phone Mobile																																												
MIKE HILL, ENGINEER										YATES					505-365-8706																																												
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		11/19/2007 06 00		Continental Emsco		F 800		800 0		2 1/2																																																	
Liner Size (in)		Start Date		End Date		Maximum Pressure (psi)		Vol/Str - 100% (bbl/s)																																																			
6 1/2		11/19/2007 06 00		7/31/2008 05 59				0 092																																																			
Pump Checks																																																											
Pump Number		Date		Depth (ft)		Slow Spd		Strokes (spm)		Pressure (psi)																																																	
1		12/5/2007 05 59		7,954 0				0		0 0																																																	
Mud Pumps - 2																																																											
No		Start Date		Make		Model		Pwr (hp)		Rod Dia (in)																																																	
2		11/19/2007 00 00		Continental Emsco		F 800		800 0		2 1/2																																																	



Yates Daily Drilling Report

Report Date: 12/6/2007

GLOW WORM ALX FEDERAL #11

Report #: 48.0

Day # 15

Daily Contacts	
Job Contact	Company
JANET RICHARDSON, LANDMAN	YATES
Phone Mobile	
Rigs	
Rig Contractor	Rig Number
SILVER OAK DRILLING COMPANY	6
KB from GL (ft)	Rig Type
18 00	Drilling - Tnple
Mud Pumps - 1	
No	Start Date
1	11/19/2007 06 00
Make	Model
Continental Emsco	F 800
Pwr (hp)	Rod Dia (in)
800 0	2 1/2
Liner Size (in)	Start Date
6 1/2	11/19/2007 06 00
End Date	Maximum Pressure (psi)
7/31/2008 05 59	0 092
Pump Checks	
Pump Number	Date
1	12/6/2007 05 59
Depth (ftKB)	Slow Spd
8,324 0	No
Strokes (spm)	Pressure (psi)
0	0 0
Mud Pumps - 2	
No	Start Date
2	11/19/2007 00 00
Make	Model
Continental Emsco	F 800
Pwr (hp)	Rod Dia (in)
800 0	2 1/2
Liner Size (in)	Start Date
6 1/2	11/19/2007 06 00
End Date	Maximum Pressure (psi)
7/31/2008 05 59	0 092
Pump Checks	
Pump Number	Date
2	12/6/2007 05 59
Depth (ftKB)	Slow Spd
8,324 0	Yes
Strokes (spm)	Pressure (psi)
77	450 0
Pump Number	Date
2	12/6/2007 05 59
Depth (ftKB)	Slow Spd
8,324 0	No
Strokes (spm)	Pressure (psi)
103	1,375 0
Safety Checks	
Date	Description
	Type
	Comment
Mud Additive Amounts	
Description	Type
Caustic Soda	Alkalinity control
Consumed	Units
1 0	sacks
Description	Type
Lime	Alkalinity control
Consumed	Units
4 0	sacks
Description	Type
Salt Water Gel	
Consumed	Units
20 0	sacks
Description	Type
Yellow Starch	
Consumed	Units
160 0	sacks
Drill Strings: BHA #18, Packed Hole	
Bit Number	Drill Bit
5	8 1/2 7 7/8 DP5052X, 7117067
Depth In (ftKB)	Depth Out (ftKB)
7,954 0	8,324 0
Drilled (ft)	Drill Time (hrs)
370 00	6.50
BHA HOP (ft)	
56 9	
String Length (ft)	String Wt (1000lb)
8,288 17	182
OD (in)	ADG Bit Dull
6.500	0-1-BT-S-0-0-
TFA (in)	Nozzles (3/32")
	15/15/15/15
Drill Form - Drilling Parameters 7,954.0 ftKB - 8,324.0 ftKB -	
WOB (1000lb)	RPM (rpm)
35	65
Motor R	Bit RPM
61	126
SPP (psi)	Q (flow) (g)
1,375.0	380
Rot String Wt (100)	PU Str Wt (100)
175	177
SO Str Wt (100)	
172	
Item Description	
Drill Pipe	OD (in)
	ID (in)
	Grade
	Mass/Len (lbs/ft)
	Top Thread
	Len (ft)
	Jts
Drill Collar	4 1/2
	3 826 E
	16.60
	7,693 05
	247
Reamer - 3 Pt	6 1/2
	2 250
	99.45
	520 01
	17
Drill Collar	6 1/2
	2 000
	6 27
	1
Reamer - 3 Pt	6 1/2
	2 250
	99.45
	30 26
	1
Float Sub	6 1/2
	2 000
	7 11
	1
Mud Motor	6 1/2
	2 000
	3 50
	1
	27 17
	1
Casing Strings	
Casing Description	Run Date
Conductor	11/17/2007 18 30
Depth Cut Pull (ft)	Set Depth (ftKB)
	58.0
OD (in)	ID (in)
20	19 124
Casing Description	Run Date
Surface	11/22/2007 14 00
Depth Cut Pull (ft)	Set Depth (ftKB)
18 0	564 0
OD (in)	ID (in)
13 3/8	12 715
Casing Description	Run Date
Intermediate	11/30/2007 11:30
Depth Cut Pull (ft)	Set Depth (ftKB)
18.0	4,085 0
OD (in)	ID (in)
8 5/8	8 097
General Rig Survey: Original Hole	
Wellbore Name	Parent Wellbore
Original Hole	SEC 3/TWN
	23S/RNG 31E/UNT C
Hole Direction	Job
VERTICAL	New Drilling, New Well, Drilling & Completions on 7/27/2007 06 00
Survey Data	
Date	Description
12/5/2007 7 15 00 AM	General Rig Survey
Measured Depth (ftKB)	Inclination (°)
7,914 00	1 00
Azimuth (°)	
0 00	
Date	Description
12/5/2007 5 25 00 PM	General Rig Survey
Measured Depth (ftKB)	Inclination (°)
8,324.00	1 00
Azimuth (°)	
0 00	

Hole Direction: VERTICAL - Original Hole, 12/6/2007 5:59 0.
ftKB (MD) Schematic - Actual

-4,127
-4,027
-1,927
-77
-75
-33
-1
0
18
58
100
254
516
518
550
563
564
1,846
2,202
3,795
4,039
4,041
4,050
4,083
4,085
7,400
8,200
8,324

Conductor, 18-58
Original Hole, 26, 18-58 Conductor, 20, 18, 40 0
Original Hole, 17 1/2, 58-564
Surface, 18-564
Surface, 13 3/8, 18, 546 0
Intermediate, 8 5/8, 18, 4,067 0
Original Hole, 7 7/8, 4,085-8,324
TD, 8,324, 12/1/2007



Yates Daily Drilling Report

Report Date: 12/6/2007

Report #: 48.0

GLOW WORM ALX FEDERAL #11

Day # 15

Bit Record					API/UWT		County		State		Surface Legal Location																												
Bit Number	Drill Bit	Drill Out	Nozzles (1/32")																																				
5	Bit # 5 - 7 7/8, DP505ZX, 7117067	0-1-8	15/15/15/15		Operator	YATES PETROLEUM CORP	Hole Direction	VERTICAL	N/S Dist	330 0	N/S Ref	FNL	E/W Dist	2,310 0	E/W Ref	FWL	Gr Elev (ft)	3,438 00	Orig KB Elev	3,456 00																			
Depth In (ftKB)	Depth Out (ft)	Depth Drill	Job Drill Hr	Avg ROP	Jobs																																		
4,085 0	8,324 0	4,239 00	76 25	55 6	A/E Number	073220	Total A/E Amount	1,983,700 00	Tgt Depth (ftKB)	8,200 0	Target Formation	BONE SPRINGS	Bottom Hole Legal Location			SEC 3/TWN 23S/RNG 31E/UNT C	Drill Hrs	216 50																					
Daily Cost Total					36,914 62		Cum Cost To Date		629,236 93		Daily Mud Cost				Mud Additive Cost To Date		9,558 00																						
Day No					15		Report End Date		12/6/2007 05 59		Formation at Report Time		BONE SPRINGS		Lithology		100% LIMESTONE		Present Operations		LOGGING																		
Hole Direction					VERTICAL - Original Hole, 12/6/2007 5 59.0					Depth End (ftKB)					8,324 0		Depth Start (ftKB)		7,954 0		Depth Progress (ft)		370 00		Drilling Hours (hrs)		6 50		Average ROP (ft/hr)		56 9								
ftKB (MD)					Schematic - Actual					Remarks																													
-4,127					LOG WELL (LOGGERS T D 8325' , RIG SLM 8324') NO FLOW																																		
-4,027					Avg Background Gas (unit)															12 00		Max Background Gas (unit)		163 00		Avg Connection Gas (unit)		58 00		Max Connection Gas (unit)									
-1,927					Avg Trip Gas (unit)																	Max Trip Gas (unit)				Flare													
-77					Mud Checks																																		
-75					Weight (lb/gal)															9 30		Chlorides (ppm)		86,000		Calcium (ppm)		2,800		Solids (%)		3 2		LCM					
-33					Funnel Viscosity (s/g)															32		PV (cp)		2 0		YP (lb/100ft)		4 000		Gel 10 sec (lb/100ft)		0 429		Gel 10 min (lb/100ft)		pH		10 0	
-1					Water Loss (mL/30min)															15 0		Filter Cake (1/32")		1		KCl (%)				Percent Oil (%)									
0					Comment																																		
18					Time Log																																		
58					Start Time															Dur (hrs)		End Time		Cum Dur (hrs)		Time Code		Depth Start (ftKB)		Depth End (ftKB)		Comment							
100					06 00															0 25		06 15		0 25		DRILLING		7,954 0		7,985 0		DRILL NEW HOLE							
254					06 15															0 50		06 45		0 75		SERVICE RIG		7,985 0											
516					06 45															0 50		07 15		1 25		SURVEY - WIRELINE		7,985 0				SURVEY @ 7914' - 1 00'							
518					07 15															1 50		08 45		2 75		DRILLING		7,985 0		8,079 0									
550					08 45															0 50		09 15		3 25		FLOW CHECK		8,079 0				CHECK WATER FLOW 19 5 BBLS AN HOUR							
563					09 15															4 75		14 00		8 00		DRILLING		8,079 0		8,324 0		T.D.WELL 8324' @ 9.15 AM 12/05/2007							
564					14 00															2 25		16 15		10 25		CIRCULATE		8,324 0				CIRCULATE & CONDITION MUD , TRY TO STOP WATER FLOW (10 BBLS AN HOUR)							
1,846					16 15															1 00		17 15		11 25		CIRCULATE		8,324 0				CIRCULATE SWEEP & SPOT HI-VIS PILL ON BOTTOM							
2,202					17 15															0 25		17 30		11 50		TRIP OUT		8,324 0				TRIP OUT FOR LOGS , SLM,DROP TOTCO							
3,795					17 30															3 50		21 00		15 00		RIG REPAIR		8,324 0				REPLACE #2 DRAWWORKS ENGINE CLUTCH							
4,039					21 00															5 00		02 00		20 00		TRIP OUT		8,324 0				FINISH TRIP OUT Foe LOGS , SLM							
4,041					02 00															4 00		06 00		24 00		LOGGING		8,324 0				RIG UP & LOG WELL							
4,050					Daily Costs																																		
4,083					Cost Description															Cost Details		Cost		Vendor															
4,085					Drilling, Daywork																	16,500 00		SILVER OAK DRILLING															
7,400					Drilling Water, Fastline Rental															Potable water		55 00		ACT EQUIPMENT															
8,200					Supervision & Overhead - Drilling																	1,000 00		RGI INC.															
8,324					Tools & Equip Rental, Etc - Completions															Other Rentals		15 00		DUDLEY SALES & SERVICE															
					Supervision & Overhead - Drilling															Trailer Rental		75 00		CHARLIE'S ROUSTABOUT SERVICE															
					Tools&Equip. Rntl Trkg &Welding-Drilling																	170.00		WEATHERFORD															
					Mud Logging Unit, Sample Bags																	900 00		MORECO															
					Bits, Tool & Supplies Purchase - Drilling																	4,080.00		PATHFINDER															
					Tools&Equip Rntl Trkg &Welding-Drilling															Safety Equipment		55 00		CALLAWAY SAFETY															
					Packer & Special Equipment																	14,064 62		WEATHERFORD															
					Daily Contacts																																		
					Job Contact															Company		Phone Mobile																	
					GENE CUTRELL, DRILLING CONSULTANT															RGI		575-369-6418																	
					Job Contact															Company		Phone Mobile																	
					TIM BUSSELL, DRLG SUPERINTENDENT															YATES		575-365-5695																	
					Job Contact															Company		Phone Mobile																	
					RIG FLOOR - 6, RIG PHONE															SILVER OAK		575-513-2114																	
					Job Contact															Company		Phone Mobile																	
					JOSH HEDRICK, TOOLPUSHER															SILVER OAK		575-513 2117																	
					Job Contact															Company		Phone Mobile																	
					MARGRETHE HOTTER, ENGINEER															YATES		575-703-0749																	
					Job Contact															Company		Phone Mobile																	
					RAY PODANY, GEOLOGIST															YATES		505-365-4190																	