Form 3160-5 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

C

FORM APPROVED OM B No 1004-0137 Expires: March 31, 2007

### 5. Lease Serial No.

SUNDRY	NOTICES AND R	NM 05067				
	nis form for proposals ell. Use Form 3160 - 3	6. If Indian, Allottee or Tribe Name				
SUBMIT IN TR	7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well Oil Well	Gas Well Other	DEC _ 8 2	008	8. Well Name and No.		
2. Name of Operator BUR	NETT OIL CO., INC.	OCD-AR	TESIA	GISSLER B #39		
3a. Address 801 CHERRY		00 3b. Phone No. (includ	le area code)	30-015-36575S1		
UNIT #9 FORT WOR		(817) 332-5	108	10. Field and Pool, or Exploratory Area LOCO HILLS GLORIETA YESO		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)		11. County or Parish, State		
UNIT G, 2310' FNL,	2310' FEL, SEC 8, T1		Eddy County, N.M.			
12. CHECK A	PPROPRIATE BOX(ES) T	TO INDICATE NATU	RE OF NOTICE, R	EPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TY	PE OF ACTION			
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Statement of Statement of Statem	Well Integrity  Other NEW WELL		
Final Abandonment Notice	Convert to Injection	Plug and Abandon Plug Back	Temporarily At	$\frac{U/3S/4V-OU}{2}$		

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

8/21/2008 Notify BLM/Jim Amos to start location. 8/21-28/2008 Build location, closed loop area, drilll rat & mouse hole. set 90' of 16" conductor pipe. Spud @ 6:30 AM 8/31/2008 Notified BLM's Paul Swartz about estimated spud time, lost returns @ 91'. Drill to 403' w/o returns. 8/31/08 Set 10 jts (404') 10-3/4" 40.50# H40 ST&C casing.w/notched collar on btm, insert collar on first joint, FC @ 357'. Use total 6 centralizers with btm three collars thread locked. Howco cement w/150 sks Thixotropic mix & 640 sks Cl "C' w/2% CaCl. Bump plug @ 9:00 PM. No cement to the surface. WOC. 9/01/08 Tag TOC @ 106', spot 30 sks plug @ 91'. Pump total 105 sks cement @ 91'. Had cement to surface. WOC. BLM's Paul Swartz on site for surface csg & cement work. NU wellhead, NU hydril. Mann test to 2000# as required; Held ok.9/02-14/2008 Drill from 403' to 5752' (TD.) Hit air pockets @ 594' & 631'. 9/15 Ru Howco, run DLL, Micro-Guard, DSN, SGR, BHSAT and SD logs. 9/16 Run 131 jts (5752') 7" 23# J55 R3 LT&C casing. DVT @ 2630'. Top 75 jts. have external RYT-WRAP coating. Howco pump 1st stage of 525 sks 50/50 Poz mix. Plug down & holding, cement to surface. Open DVT, Howco pump 2nd stage of 800 sks prem. lite cmt mix, tail w/100 sks Prem. Plus cmt w/2% CaCl. Circ cement to surface. BLM's Terry Cartwright called about cementing. BLM a no show. Release rig 6:00 PM 9/17/2008.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  MARK A. JACOBY	Title	ENGINEERING MANA	AGER						
Signature Marled Jaroley	Date	12/04/	108						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE									
Approved by		Title	Date						
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	- 1	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.									

(Instructions on page 2)

Form 3160-5 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No 1004-0137 Expires. July 31, 2010

5 Lease Serial No.

NM 05067

SUNDRY	<b>NOTICES</b>	<b>AND</b>	<b>REPORTS</b>	ON	<b>WELLS</b>

	this form for propo well. Use Form 3160			b. If Indian, Allottee or Tribe Name
SUBMIT IN	TRIPLICATE - Oth	er instructions on		7 If Unit or CA/Agreement, Name and/or No
Type of Well			DEC _ 8 2008	8 Well Name and No
Oil Well Gas Well  Name of Operator	Other T. O.L. O.C. INIO	· · · · · · · · · · · · · · · · · · ·	OCD-ARTESIA	GISSLER B #39
	T OIL CO., INC.			9 API Well No 30-015-36575S1
3a Address 801 CHERRY STRE UNIT #9 FORT WORTH,		. Phone No. ( <i>include dred co</i> -(817) 332		10 Field and Pool, or Exploratory Area
4 Location of Well (Footage, Sec., T., R				Loco Hills Glorieta Yeso
UNIT G, 2310' FNL, 2	310' FEL, SEC 8, T	T17S, R30E		11. County or Parish, State Eddy County, N.M.
12. CHECK AF	PROPRIATE BOX(E	S) TO INDICATE NA	ATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	Acidıze	Deepen	Production (Start/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamantion	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Abandon	
	Convert to Injection	Plug Back	Water Disposal	proposed work and approximate duration thereof
@ 5065', 5068',5094',5155',5 gals 15% Hcl. ND BOP, NU firmesh sand. 10/20 ND frac va Pumping to Gissler B 5 Batte POOH w/tbg & sub pump. NL 4497',4499',4504',4504',4506' acidize these perfs w/2750 ga Frac w/232,958# 40/70 Ottaw 2-7/8" 6.5# J55 R2 tbg. Run s T17S, R30E. !1/18/08 24 hr will file sundry notice after in Santa FE.	5160',5166',5168',5 rac valve10/17 Fra lve, NU BOP, RIH ry on the surface le J BOP, RU & perf @ I',4511',4537',4540' als 15% Hcl acid. No ra sand & 34,469# sub pump @ 4390'. Lupper zone testing RBP @ 4905' is re	in 170', 5181 and 518 ac w/ total 11,577 s w/162 jts (4982') 2- ease 10/22/2008 To @ 4388',4392',4395' ',4542',4553',4557' ID BOP, NU frac va 100 mesh sand. 11 . 11/12/08 Turn well is testing is 90 BO,	32'- total 20 holes @2S slick water, 168,012# 40 -7/8" 6.50# J55 R2 EUE est lower paddock and 5',4397',4406',4409',441 & 4594'- Total 46 holes alve.11/09/08 Frac thes I/10/08 ND frac valve, N Il production to Gissler I , 1184 BW, 115 MCFG.	S 5703'. 10/15 RU Entertech, perf. PF.10/16 Acidize perfs w/total 2500 D/70 Ottawa sand & 20,000# 100 Etbg. Run SUB PUMP.10/22/2008 prep to Frac upper Yeso. 11/05/08 12',4480',4482',4484',4492',4494', @ 2 SPF.11/6/08 Set RBP@ 4905' e perfs w/7710,263 gals slick water NU BOP, run total 140 jts (4328') B5 Tank Battery in Unit O, Sec 8, ROA has been filed w/BLM. Lease comingle for CTB w/NMOCD
14 I hereby certify that the foregoing is Name (Printed/Typed)	true and correct )  A. JACOBY	l	ENGINEERING I	MANAGER
110/0	O. le	Title		10°C
Signature // Wile U.	THIS SPACE	FOR FEDERAL (	OR STATE OFFICE U	<u>/                                    </u>
Approved by Conditions of approval, if any, are attache the applicant holds legal or equitable title applicant to conduct operations thereon.	ed Approval of this notice do to those rights in the subject	oes not warrant or certify that tlease which would entitle th	Title office	Date
Title 18 U S C Section 1001 and Title 43 States any false, fictitious or fraudulent st	U.S C Section 1212, make atements or representations:	it a crime for any person kno as to any matter within its jui	owingly and willfully to make to an risdiction.	ly department or agency of the United

(Instructions on page 2)

LOCATION Section 8, T17S, R30E, 2310 FNL, 2310 FEL, Eddy County OPERATOR Burnett Oil Company, Inc.	
	******
DRILLING CONTRACTOR United Drilling, Inc.	<del></del>
2.11.0 001/11/10 101	
The undersigned hereby certifies that he is an authorized representative of the drilling con-	tractor
who drilled the above described well and had conducted deviation test and obtained the follows	ing
results:	
Degrees @ Depth Degrees @ Depth Degrees @ Depth	
2 @ 375' 3-3/4 @ 5519'	
1-3/4 @ 693' 4-1/4 @ 5752'	
3-3/4 @ 1168'	
3-1/2 @ 1485'	
3 @ 1802'	
4 @ 2119'	
2-1/4 @ 2436'	
2-1/2 2 2758'	
4-3/4 @ 3234'	
6 @ 3456'	
4-1/4 @ 3773'	
6-1/4 @ 4172'	
6-1/4 @ 4240'	
5-3/4 @ 4537'	
5-1/4 @ 4822'	
4-1/4 @ 5044'	
Drilling Contractor- UNITED DRILLING, INC	C <b>.</b>
By: Nua Y-foruga	<del></del>
Luisa Noriega	
Title: Asst. Office Mgr	
Subscribed and sworn to before me this 18 day of September, 2008	)
Notary Public	u
Chauce NM	
My Commission Expires: County State	

10-8-03

CORE ANALYSIS REPORT

FOR

BURNETT OIL COMPANY

GISLER B NO. 39 LOCO HILLS PADDOCK FIELD EDDY COUNTY, NEW MEXICO

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom; and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories (all errors and omissions excepted); but Core Laboratories and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or formation in connection with which such report is used or relied upon.





2001 Commerce Midland, Texas 79703 Tel (432) 694-7761 Fax (432) 694-3191 www.corelab.com

September 19, 2008

BURNETT OIL COMPANY
Burnett Plaza
801 Cherry Street Unit #9
Suite 1500
Fort Worth, Texas 76102-6881

File No: 57181-19551

Subject: Drilled Sidewall Analysis

Gissler B No. 39

Loco Hills Paddock Field Eddy County, New Mexico

#### Gentlemen:

Sidewall Core Analysis was made on 19 drilled sidewall core samples received from Halliburton.

Samples were photographed under both ultraviolet and natural light. Digital core photographs are contained on CD.

Gas expansion porosity and grain density were determined using Boyle's Law. Saturation data and cleaning was obtained using Dean Stark distillation.

Gas detection was measured using a "Hot Wire Gas Detector" on gas in the sealed containers.

Air permeability was measured horizontally on drilled sidewalls.

Descriptions and fluorescence were visually determined microscopically.

The samples will be returned to client.

We trust these data will be useful in the evaluation of your property and thank you for the opportunity of serving you.

Very truly yours, CORE LABORATORIES

John Sebian

Laboratory Supervisor

JS/ym



# CORE LABORATORIES

Company : BURNETT OIL COMPANY

Field

: LOCO HILLS PADDOCK FIELD File No.: 57181-19551

: GISLER B NO. 39 Well

Formation

: VARIOUS

Date : 9/18/08 API No.: 30-015-36575

Location: 2310' FNL & 2310' FEL, SEC. 8, T-17-S, R-30-E Coring Fluid: BRINE Co, State: EDDY COUNTY, NEW MEXICO

Elevation

: 3689' KB

Analysts: SEBIAN

## SIDEWALL CORE ANALYSIS RESULTS

	SAMPLE	DEPTH	Sample	PERMEABILITY	POROSITY	SATUR	ATION	SATU	RATION	GRAIN	GAS	DESCRIPTION
1	NUMBER	OLI III		(HORIZONTAL)	(HELIUM)	,	VOLUME) WATER	(BULK		DENSITY	DETECTOR	
		ft	in.	Kair md	%	01L %	WATER %	01L %	GAS %	gm/cc	UNITS	

DRILLED SIDEWALL ANALYSIS

			_			GRAYBU	RG FORMATI	ON			
1	2717.0	1.3	12.1	15.7	10.9	73.7	1.7	2.4	2.66	0.	Sd, tn, f gr, 95% dull yel flu
2	2793.0	1.3	0.01	0.7	1.6	63.2	0.0	0.2	2.87	0.	Dol, anhy, 5% yel flu contamin
3	2823.0	1.3	0.47	11.4	15.3	52.1	1.7	3.7	2.66	2.	_
					•	SAN AND	RES FORMAT	ION			
4	2878.0	1.5	0.27	1.2	7.7	50.0	0.1	0.5	2.87	1.	Dol, anhy, frac, 5% yel flu
5	3317.0	1.8	0.19	5.4	8.8	32.7	0.5	3.2	2.81	120.	Dol, slty, lam, 15% dull yel flu
6	3405.0	1.6	0.04	2.9	13.2	49.0	0.4	1.1	2.83	28.	Dol, tr pp, 40% dull yel flu
7	3427.0	1.1	0.05	3.2	10.8	35.8	0.3	1.7	2.84	66.	Dol, tr anhy, 20% dull yel flu
						UPPER Y	ESO FORMAT	ION			
8	4393.0	1.0	0.43	6.5	18.6	26.6	1.2	3.6	2.89	110.	Dol, anhy, pp. 65% brt yel flu
9	4410.0	1.5	0.14	8.4	13.6	23.1	1.1	5.3	2.85	170.	Dol, sli pp, 60% brt yel flu
10	4481.0	1.5	0.05	10.9	11.0	15.2	1.2	8.0	2.86	230.	Dol, sli pp, 75% brt yel flu
11	4495.0	1.5	0.65	9.5	10.5	21.3	1.0	6.5	2.85	150.	Dol, pp, 50% brt yel flu
12	4540.0	1.8	1.37	20.0	28.0	35.0	5.6	7.4	2.81	180.	Dol, sli ixp, 95% brt yel flu
13	4555.0	1.3	0.17	16.5	17.3	60.5	2.9	3.7	2.70	150.	Dol, chty, sli ixp, 80% wh yel flu

# CORE LABORATORIES

Company : BURNETT OIL COMPANY

Well : GISLER B NO. 39

Field : LOCO HILLS PADDOCK FIELD File No.: 57181-19551 Formation : VARIOUS Date : 9/18/08

# SIDEWALL CORE ANALYSIS RESULTS

	WDI 5	OFRIU	C 1 -	DEDMEADILITY	DODOCITY	SATUR	NOITA	SATUR	ATION	CDATN	GAS DETECTOR UNITS	DECEDIATION
	IMPLE IMBER	DEPTH	Rec.	PERMEABILITY (HORIZONTAL) Kair	POROSITY (HELIUM)	(PORE	VOLUME) WATER	(BÚLK OIL	VOLUME) GAS	GRAIN DENSITY		DESCRIPTION
-		ft	in.	md	%	%	%	%	%	gm/cc		
							LOWER	YESO FORM	ATION			
	14	4834.0	1.5	1.83	7.5	10.2	26.6	0.8	4.7	2.84	98.	Dol, stly, pp, 20% dull yel flu
	15	4859.0	1.3	0.07	3.5	14.3	45.2	0.5	1.4	2.84	110.	Dol, styl, 80% yel flu
	16	5066.0	1.8	<.01	3.0	8.6	40.4	0.3	1.5	2.83	50.	Dol. 30% pale yel flu
	17	5094.0	1.6	0.01	3.5	8.4	41.6	0.3	1.8	2.84	38.	Dol, styl, 10% yel flu
)	18	5178.0	1.8	<.01	1.3	1,4	98.3	0.0	0.0	2.86	0.	Dol, sli anhy, tr% yel flu
	19	5181.0	1.6	0.01	4.6	1.8	87.3	0.1	0.5	2.82	0.	Dol, tr% yel flu





#### LITHOLOGICAL ABBREVIATIONS

Anhy, anhy	Anhydrite (-ic)	Lim, lim	limestone
Ark, ark	arkos (-ic)	med gr	medium grain
bnd	band (-ed)	Mtrx	matrix
brec	breccia	NA	interval not analyzed
Calc, calc	calcite (-ic)	Nod, nod	nodules (-ar)
carb	carbonaceous	001, 001	oolite (-itic)
crs gr	course grained	Piso, piso	pisolite (-itic)
Chk, chky	chalk (-y)	pp	pin-point (porosity)
Cht, cht	chert (-y)	Pyr, pyr	pyrite (-itized, itic)
Cgl, cgl	conglomerate (-ic)	Sd, sdy	sand (-y)
crs xln	coursely crystalline	Shr	solid hydrocarbon residue
dns	dense	sli/	slightly
Dol, dol	dolomite (-ic)	Sltstn, slty	siltstone, silty
	omly oriented fractures	styl	stylolite (-itic)
frac	slightly fractured	suc	sucrosic
f gr	fine grained	Su, su	sulphur, sulphurous
foss	fossil (-iferous)	TBFA	TOO BROKEN FOR ANALYSIS
f xln	finely crystalline	Trip, trip	tripolitic
	gilsonite	v/ -	very
	c glauconite (-itic)		dominantly vertically fractured
Grt ,	granite	vug	vuggy
Gyp, gyp	gypsum (-iferous)	xbd	crossbedded
hor frac pe	erdominantly horizontally fractured	xln	medium crystalline
incl	inclusion (-ded)	xt1	crystal
intbd	interbedded		-
	amina (-tions,-ated)		

THE FIRST WORD IN THE DESCIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.