SUPPORTING
BOCUMENTS

!ITED STATES SUBMIT IN T LICATE*

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Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a difference reservoir. I. OLL WELL WELL OTHER 2. MANN OF OPERATOR FREN OIL COMPANY SI Paso Natl Sank Hidg., Suite 9-P, SI Paso, 3. ADDRESS OF OPERATOR FREN OIL COMPANY SI Paso Natl Sank Hidg., Suite 9-P, SI Paso, 3. ADDRESS OF OPERATOR FREN OIL COMPANY SI Paso Natl Sank Hidg., Suite 9-P, SI Paso, 3. ADDRESS OF OPERATOR SI SW Sec. 19-17531E., N.M.P.M. 3350/E 14. PERMIT NO. 15. EREVATIONS (Show whether DF NT, OR, etc.) 3579 ft. Gal. 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHIT-OFF FRACTURE TREAT MICHITELE CONFILETE ADARDONS* CHANGE PIANS (Other) Committee Treatment and Stop Pertained dates, Including change the proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers a next to this work.)* 17. DESCRIPTION OF ACTURE TEST OPERATIONS (Clearly state all pertinent details, and groe pertained dates and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers a next to this work.)* 18. PERMIT NO. 19. PERMIT COMPANY OF ACTURE TEST OPERATIONS (Clearly state all pertinent details, and groe pertained dates, Including calified completion or Recompletion or Recomple	TILDCAT AND S. STATE
WELL WELL OTHER 2. NAME OF OPERATOR FREN OIL COMPANY 52 Page Nat1 Bank Hidg., Suite 9-P, 51 Page, There share S. Page of Speakers 3. Address of Operators 4. Locardon of Well. (Report location clearly and in accordance with any State requirements.* 5. See also space 17 below.) At surface S. SW Sec. 19-175315., M.M.P.M., 335c/L. 14. FERMIT NO. 15. ELEVATIONS (Show whether DF RT, OR, etc.) 16. 17. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Dark NOTICE OF INTERTION TO: TEST WATER SHUT-OFF FRACTURE TREAT NHOOT OR ACIDIZE ABANDON* REPAIR WELL CHANGE PLANS COUNTY OF PARISH 11. BEC. Z. A. M. OR RICE 12. COUNTY OR PARISH 11. BEC. Z. A. M. OR RICE 12. COUNTY OR PARISH 11. BEC. Z. A. M. OR RICE SECUROR PLANS COUNTY OR PARISH 12. COUNTY OR PARISH 13. BEC. Z. A. M. OR RICE 14. PERMIT PLANS COUNTY OR PARISH 15. BERVATIONS CHANGE PLANS COUNTY OR PARISH CHANGE PLANS COUNTY OR PARISH CHANGE PLANS COUNTY O	AND 3. STATE INC.
2. NAME OF OPERATOR THEN OIL COMPANY 1 Page Natl Sank Hidg., Suite 9-P, 1 Page, Then of Lease Name Price - Page 1 Page 1 Page 1 Page 1 Page 1 Page 2 Page 2 Page 2 Page 2 Page 2 Page 3 Page 2 Page 3	AND 3. STATE INC.
3. ADDRESS OF OPERATOR 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* 5. See also space 17 below.) At surface 5. SE SW Sec. 19-17S31E., NM.P.N. 5. SEE SW Sec. 19-17S31E., NM.P.N. 15. ELEVATIONS (Show whether Dr. RT, OR, etc.) 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHUT-OFF PRACTURE TREAT SHOUT OR ACIDIZED	AND 3. STATE INC.
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Let set 2h hours,	-
RECEIVED RECEIVED O. C. C. APR 1 3 1965 APR 1 3 1965	ED
RR 1 3 1969 RECENT	35 _{/ 1}
D. C. C.	37.50
D. C. C. ARTEBIA, DEFICE ARTESIA, NEW	WEXION
18. I hereby certify that the setegoing is true and correct	
SIGNED Max Conginger TITLE TOTAL OF PROTOCOLIN DATE 1. 8.30	
(This space for Federal or Statt office use)	
True obace tot renetat of State omice nach	6 5
APPROVED BY CONV.ED	65

APR 1 21965

See Instructions on Reverse Side

Form 3160-4 UNITE STATES SUBMIT IN BYRICE TO DEVICE FORM APPROVED (October 1990) DEPARTMENT ... THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO BUREAU OF LAND MANAGEMENT The world with the state of LC-029395-B 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* Other WW la TYPE OF WELL: WELL | WELL 7 UNET AGREEMENT NAME b. TYPE OF COMPLETION: Other ___ OVER X DEEP-PLUG RESVR 8. FARM OR LEASE NAME, WELL NO. √Vurner "B" #67 NAME OF OPERATOR **DEVON ENERGY CORPORATION (NEVADA)** 9.API WELL NO. 3. ADDRESS AND TELEPHONE NO. 30-015-05300 20 N. BROADWAY, SUITE 1500, OKC, OK 73102-8260 (405) 235-3611 10. FIELD AND POOL, OR WILDCAT **Grayburg Jackson** 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 1650' FSL & 660 FWL At surface 11.SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20-17S-31E At top prod. interval reported below (SAME) At total depth (SAME) 12.COUNTY OR PARISE 14. PERMIT NO. DATE ISSUED 13.STATE **Eddy County** NM 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 15 DATE SPUDDED 16.DATE T.D.REACHED 17 . DATE COMPL. (Ready to prod.) 3625' GL 3/3/97 1 3/27/97 21 PLUG. BACK T.D., MD & TVD 20. TOTAL DEPTE, MD & TVD RECEIVED 23. INTERVALS DRILLED BY 6900 7223 x 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, MAKE (MD AND TVD) 25. WAS DIRECTIONAL SURVEY Injection interval: 3427'-3518'; Grayburg - Lovington 2753'-3298' MADE **APR 21 '97** No 26. TYPE ELECTRIC AND OTHER LOGS RUN MELL CORET BLM CBL. ROSWELL, NM CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB./FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 470 17 1/2" Surf, 525 sxs cmt 13 3/8 None 3200 11 1010', 900 sxs 24 & 32 8 5/8 None 3696 Surf, 300 sxs Cl "C" + 200 sxs 5 1/2 J-55 15.50 7 1/2 None Cl "H" w/10% Gypsum LINER RECORD 30. **TUBING RECORD** SACKS CEMENT SCREEN (MD) SIZE TOP (MD) SIZE PACKER SET (MD) BOTTOM (MD) DEPTH SET (MD) 4 1/2 3697 7221 910 sxs 2 3/8" 2690 2695 31. PERFORATION RECORD (Interval, size and number) ACID SHOT, FRACTURE, CEMEMNT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL Middle Jackson 3427-3518' 12-47' holes 3427'-3518' Acidized w/1200 gals 15% HCl acid + 2000# rock salt. Grayburg - Lovington 2753'-3298' 46 - .49" holes 3031'-3298 Acidized w/2700 gats 15% HCl acid + 3000# rock salt. 2753'-2965 Acidized w/1900 gals 15% HCl acid + 3000# rock salt. PRODUCTION PRODUCTIONS METHOD I(Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing of shut-in) Injecting HOURS TESTED CHOKE SIZE PROD'N FOR TEST OIL-BRL GAS-MCP WATER-BBL GAS-OIL RATIO PERIOD CASING PRESSURE CALCULATED 24-HOUR OIL-BBL WATER-BBL OIL GRAVITY-API (CORR.) RATE

33. PRODUCTION

DATE FIRST PRODUCTIOM PRODUCTIONS METROD I(Flowing, gas lift, pumping—size and type of pump)

DATE OF TEST HOURS TESTED CHORE SIZE PROD'M FOR TEST OIL-BBL. GAS-MCF. HATER-BBL. GAS-OIL RATIO

PERIOD PERIOD

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

ACCL: ED CORESIAN ACCE: ED CO

Form 9-331a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office LAS OFTINGS

Lease No. 029395 (b)

Unit Turner # 50 SP

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL SU	BSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO CHANGE H.ANS	BSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	BSEQUENT REPORT OF ALTERING CASING.
l l	BSEQUENT REPORT OF RE-DRILLING OR REPAIR
	BSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO ABANDON WELL	PPLEMENTARY WELL HISTORY
(INDICATE ABOVE BY CHECK MARK NATURE	OF REPORT, NOTICE, OR OTHER DATA)
	Jano 21. , 19 60
Vell No. 67 is located 1660 ft. from S	line and 60 ft. from W line of sec. 20
34/1, Sec. 20 178 18 (1/2 Sec. and Sec. No.) (Twp.) (Range)	(Meridian)
Under (gen) (County or Subdivis	Sion) (State or Territory)
he elevation of the derrick floor above sea level is	(Meridian) Sion) (State or Territory) ft. F WORK ts, and lengths of proposed casings; indicate mudding jobs, confeat.
DETAILS OF	WORK
tate names of and expected depths in objective sands; show sizes, weight ing points, and all other imp	ortant proposed work)
and a second control of the second control o	milated to surface.
3-5/8°CD Casing set at 3000' 10/900 ske on	ment. Top of comest behind any \$1010
PROPOSE TO: Set 4-1/2" OF Liner from 370 and classified community. (This	0' to total depth of approximately 700 a half? 1200 of
full string of b-1/2" oug as	approved on original drilling request
	, The state of the
I understand that this plan of work must receive approval in woiting b	y the Geological Survey before operations may be commenced.
ompany . Similair Dil & Cas hapan	Service Control of the Control of th
ddress 500 E Broadwy	
Hobbs, lies Hexise	By
	Title

Arteller: USOS: ac HFD, JM, Film

GPC 862040

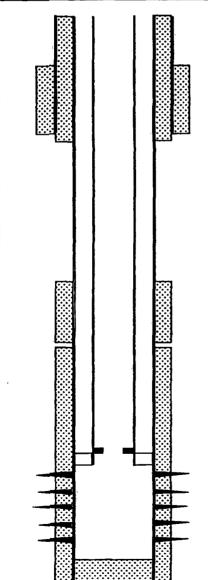
N.M.O.C.D. COPY

Prim 9-331 Dec. 1973	Form Approved. Budget Bureau No. 42R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	LC-029395(b)
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS' ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME JUL 15 1981
1. oil 💆 gas 🖂	Turner "B" (B)
well gas cher .	9. WELL NO.
2. NAME OF OPERATOR ARCO 011 & Gas Company	43
Division of Atlantic Richfield Co.	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Grayburg jackson Q-G-SA
P. O. Box 1710, Hobbs, New Mexico 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) AT SURFACE: 660' FSL & 560' FWL Unit M	20-17S-31E 12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: as above	Eddy N M
AT TOTAL DEPTH: as above	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
DEGUTET TOD ADDROVAL TO: CURSEOUTAIT DEPORT OF	3618' G
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	Fig. State Conference on the conference of the c
FRACTURE TREAT	CIETTATE
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	UL. 9 the de on Form 9-330.)
CHANGE ZONES	OIL & GAS
	SEOLOGICAL 1
(other) ROSV	VEU, NEW / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	e all pertinent details, and give pertinent dates,
Including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	irectionally drilled, give subsurface locations and
Rig up on 5/20/81, POH w/rods & pump, install BO	P, POH w/tbg. CO csg to 3224' PBD.
Ran Vertilog, GR-CBL. TOC @ 2351'. RIH w/RBP se	et @ 3000'. Perf'd 5½" csg w/2 JSPF
2331-32'. RIH.w/pkr. spot 3 sx sd on top of RBP	• Set pkr @ 2258. Pmpd down tbg
w/2 BPM 1200 psi, no circ between 8-5/8" x 5½" c	
retr @ 2290'. Squeezed perfs 2331-32' w/300 sx	
by 300 sx Cl C cmt cont'g 2% CaCl ₂ . WOC. Ran to the in 8-5/8" x 5½" annulus to 360'. Cmtd thru	
to surf. RIH w/bit, drld cmt retr @ 2290' & cmt	to 2375! Proce tested one to 800#
for 30 mins, OK. Circ sd off BP, POH w/BP. RIH	
2975', spot 500 gals 15% NEFE acid across perfs	
30,000 gals Titan XL/3 & 44,000# sd in 2 equal s	
intervals 3062-3078', 3148-3163' separately. On	
5% oil; FL @ 2472' during swbg. Rel pkr & circ se	d off BP @ 3177'. RIH w/comp assy.
Set 2-3/8" the @ 2995'. RIH w/rods & pump. On Subsurface Safety Valve: Manu. and Type	test 6/15/80 pmpd 3 BO, 97 BWSet @Ft.
18. I hereby certify that the foregoing is true and correct	
() 10 l'illi pres puls co	upt. p. 6/30/81
ACCEPTED FOR RECORD space for Federal or State offi	Ce use)
APPROVED BY PETER W. CHESTER TITLE	DATE
CONDITIONS OF APPROVAL JUL 1 3 1981	

Submit 3 Copies To Appropriate District Office District I			
	State of Ne	w Mexico	C/5F Form C-103
	Energy, Minerals and	d Natural Resources	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 88240 District II	OH CONCEDUA	TION DRUGION	WELL API NO. 30-015-05310
811 South First, Artesia, NM 88210	OIL CONSERVA		5. Indicate Type of Lease
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	2040 South		FEDERAL ☑ STATE ☐ FEE ☐
District IV 2040 South Pacheco, Santa Fe, NM 87505	Santa Fe, N	CUC/8 MIA	6. State Oil & Gas Lease No.
	C AND REPORTS ON H	TELL C	LC-029395-B
(DO NOT USE THIS FORM FOR PROPOSAL	S AND REPORTS ON V S TO DRILL OR TO DEEPEN		7. Lease Name or Unit Agreement Name:
DIFFERENT RESERVOIR. USE "APPLICAT PROPOSALS.)			Turner "B"
1. Type of Well: Oil Well Gas Well	Other WIW	18 18 18 18 18 18 18 18 18 18 18 18 18 1	
2. Name of Operator	, calex viiv		8. Well No.
Devon Energy Production Compar	ıy, L.P.	RECEIVED	41
3. Address of Operator		WE VELESIN	9. Pool name or Wildcat
20 N. Broadway, Suite 1500 Okla	ahoma City, OK 73102-	8260 OCO 11	Grayburg-Jackson Field
4. Well Location		*	
Unit Letter F: 1,650	feet from the Nort	h line and 1,650	feet from the <u>West</u> line
Section 20 Towns		31E NMPM	County EDDY
1		ther DR, RKB, RT, GR, etc GR=3,634'	:.)
11. Check Apr		ate Nature of Notice,	Report or Other Data
NOTICE OF INTE		•	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK		REMEDIAL WOR	
TEMPORARILY ABANDON	CHANGE PLANS		LLING OPNS. PLUG AND ABANDONMENT
	MULTIPLE COMPLETION	CASING TEST AI CEMENT JOB	
OTHER:		OTHER: Shut of	f water flow
12. Describe proposed or completed	operations. (Clearly state	all pertinent details, and o	rive pertinent dates including estimated date
		are becoments assessed and	re perment dates, merading committe date
of starting any proposed work). S			h wellbore diagram of proposed completion
of starting any proposed work). Sor recompilation.	SEE RULE 1103. For Mu	ltiple Completions: Attac	h wellbore diagram of proposed completion
of starting any proposed work). Some or recompilation. 01/31/01 - RIH with bit and scraper, of	SEE RULE 1103. For Mu lean out wellbore to 1,900	Itiple Completions: Attack '. RIH with RBP and set at	h wellbore diagram of proposed completion 1,850', cap RBP with sand.
of starting any proposed work). Some or recompilation. 01/31/01 – RIH with bit and scraper, of 02/01/01 – Perforate casing at 1,750'(402/02/01 – RIH with cement retainer at	SEE RULE 1103. For Mu dean out wellbore to 1,900 4 shots). RIH with packer and set at 1,675'. Pump 750	Itiple Completions: Attack It	h wellbore diagram of proposed completion 1,850', cap RBP with sand. njection rate into perforations. iner. WOC. Run CBL, TOC at 1,450'.
of starting any proposed work). Some or recompilation. 01/31/01 – RIH with bit and scraper, of 02/01/01 – Perforate casing at 1,750'(402/02/01 – RIH with cement retainer at 02/07/01 – Perforate casing at 1,430'(401).	SEE RULE 1103. For Mu dean out wellbore to 1,900 4 shots). RIH with packer a nd set at 1,675'. Pump 750 4 shots). Established injec	Itiple Completions: Attack At	h wellbore diagram of proposed completion 1,850', cap RBP with sand. njection rate into perforations. iner. WOC. Run CBL, TOC at 1,450'. Pumped 80 bbls, no returns to surface.
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DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURNER *B* #41			FIELD: GRAYBURG-JACKSON				
LOCATION: 16	50'FNL & 1650	FWL, SEC 2	0-T17S-R31E	COUNTY: EDE	Υ		STATE: NM
ELEVATION: G	ELEVATION: GL=3634'; KB=UNK			SPUD DATE: 0	05/14/53	COMP DATE:	07/06/53
API#: 30-015-0	5310	PREPARE	D BY: C.H. CARLE	TON		DATE: 07/13/0	01
	DEI	PTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' -	532'	9 5/8*	25.45#			12 1/2"
CASING:	0' -	3451'	5 1/2"	15.5#			8"
CASING:	-						
TUBING:	0' -	2543'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:	<u> </u>						



CURRENT

PROPOSED

OPERATOR: DEVON ENERGY CORPORATION (NEVADA)

9 5/8" CASING @ 532' W/50 SXS. TOC @ 440' (calculated)

PERF & SQUEEZE @ 540' WITH 280 SXS.
PERF & SQUEEZE @ 1430' WITH 700 SXS.
PERF & SQUEEZE @ 1750' WITH 750 SXS. TOC @ 1450'(CBL).

DETAIL OF PERFORATIONS

U.GRAYBURG: 2706', 12', 15', 28', 30', 38', 40', 42'

LOCO HILLS: 2786', 94', 96'

METEX: 2832', 34', 46', 48', 58', 60'

L.GRAYBURG: 2896', 98', 2918', 20'

PREMIER: 2955'-66' (4 SPF), 2972'-80' (4 SPF), 2990', 92', 3007', 10',

3012', 14'

VACUUM: 3044', 48', 57', 86', 3106', 08'

M.JACKSON: 3290'-3306' (6 SPF), 3343'-48' (6 SPF), 3353'-58' (6 SPF)

3366'-77' (6 SPF), 3400'-08' (6 SPF)

SEAT NIPPLE @ 2543'

JOHNSON 101-S PACKER @ 2544'

PERFORATIONS: 2706'- 3408' (OA) - 385 HOLES

PBTD @ 3411'

5 1/2" CASING @ 3451' W/275 SXS. TOC @ 1800' (CBL)

TD @ 3455'

	VITED STATES SENT OF THE INT EOLOGICAL SURVE	ERIOR	SUBMIT IN (Other Instr. verse side)	PLICATE*	Form approve Budget Burea 5. LEASE DESIGNATION LC 031844	d. u No. 42-R142
SUNDRY NOTI	CES AND REPOR			rvoir.	6. IF INDIAN, ALLOTTEE	OR TRIBE NAM
OIL GAS GAS WELL OTHER	Plug & Abandon	9 F	CEIV	ED	7. UNIT AGREEMENT NA)12
2. NAME OF OPERATOR Atlantic Richfield Com	pany /				8. FARM OR LEASE NAM Fren Oil Com	
P. O. Box 1710, Hobbs,	New Mexico 8824	0	1PR - 6 19		9. WELL NO.	
4. LOCATION OF WELL (Report location ele See also space 17 below.) At surface 2310' FWL & 2310' FSL		h any State	ARTEBIA, OF	FICE	Grayburg Jack 11. SEC., T., R., M., OR B SURVEY OR AREA	son
14. PERSIT NO.	15. ELEVATIONS (Show whet		i, etc.)		19-17S-31E 12. COUNTY OR PARISH Eddy	13. STATE
16. Check Ap	propriate Box To Indica	ate Nature	of Notice, R	•	ther Data	
FRACTURE TREAT SHOOT OR ACIDIZE A	installed BOP.	POH w/2	Completion ils, and give per nd measured and 716 of 2-	Plug eport results n or Recompletinent dates, i true vertical	EUE tbg & pkr.	on Well of starting a and zones per

cmt plug @ 2675'. Stretched $4\frac{1}{2}$ '' csg, free point indicated @ 170'. No casing pulled. WIH to 605' w/deep penetrator gun & perforated 4½" & 7" csg w/4 JSPF @ 605'. POH w/perforator. Installed 4½" swage & pumped in 3 BFW. RIH w/4½" cmt retr, set retr @ 400'. Pumped 85 sx Cl C cmt thru retr & perfs @ 605', no squeeze. PO of retr & spott 4 sx Cl C cmt on top of retr (50' plug). Pulled up hole & spotted 5 sx Cl C cmt @ surface, installed regulation dry hole marker. Clean & leveled location in accordance w/USGS & BLM stipulations. P&A eff 3/24/76. Final Report. Your office to be notifie when location is ready for inspection.

RECEIVED

APR - 5 13 15

U. S. GEOLOGICAL SURVEY
MEXICO

WARTESIA, NEW MEXICO

·	Vu.
8. I hereby certify that the foregoing is true and correct SIGNED TITLE Dist. Drlg. Supv.	DATE 4/1/76
(This space for Federal or State office use)	DATE 4/1/76
APPROVED BY	DATE
CONDITIONS OF APPROVAL, IF ANY:	~~~

UN FED STATES SUBMIT DEPARTMENT OF THE INTERIOR

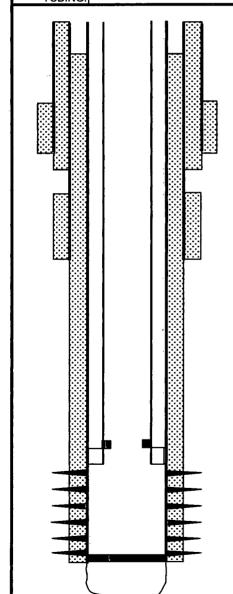
DEI ARTIMENT OF THE HATERIOR	reverse
GEOLOGICAL SURVEY	

rse side)	5. LEASE DESI	OITAKU	N AND	SERIAL	NO.
	LAS C	RUCE	S 03	deli	
G *	6. IF INDIAN.	ALLOTT	ED OR	TRIBE N	AME
	-				
	7. UNIT AGREE	MENT	NAME		
	S. FARM OR LE	_			
	Max Pr	1000	-Fed	at it	
	9. WELL NO.	a			
	10. FIELD AND	POOT.	OR WIT	LDCAT	
h Lin	11. SEC., T., R., OR AREA	M., OR	BLOCK	AND BUI	VEY
ia Zolatii A	OR AREA	HE N	e sw	į	
•	Sec. 19-				
			~~~	- 🗸	
	12. COUNTY OR PARISH	;	13. 8	STATE	
<del></del>	Eddy Co	unty	New	Plan.	loo
	BT, GR, ETC.)*	19. EL	EV. CAS	SINGHEA	D
DF			11:		
ERVALS LLED BY	ROTARY TOOLS			E TOOLS	i
W	E -		cabl	RECTION	
1		25.		MADE	aL
519	164		20.0		
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900	) E 5			<del></del>	
		-			
	TUBING RECOR	D			<del></del>
	DEPTH SET (MD)		PACKER	SET (N	ID)
/8H	27151	_	27	<u> Ai</u>	<del></del>
$\overline{}$	TURE, CEMENT				
	MOUNT AND KIND	4			
gale	.4014 150b	1) 			frac.
\$1			#	7\$ PF	<del>#</del>
\$5	» 1,8G	<del>-</del>	<del>ग</del>	<del></del>	
,					

WELL COL	MPLETION (	OR RECOM	PI FTION I	REPORT A	AND LO	0		TTED OR TRIBE NA
18. TYPE OF WELL			DRY 🗆	Other			T AGREEMEN	T NAME
b. TYPE OF COMP	PLETION:			Other				
METT	WORK DEEP-	PLUG BACK	DIFF. RESVR.	Other		S. FAR	M OR LEASE	MAME
2. NAME OF OPERATO		OIL COMPANY	$\sim$			9. WE		sa-Federal
3. ADDRESS OF OPER		ite 9-P				9. WE	LL NO.	<b>.</b>
	so National	Bank Bldg.	, El Paso	Testas 7	9901	10. FII	ELD AND POO	L, OR WILDCAT
4. LOCATION OF WEL	L (Report location	clearly and in acc	ordance with an	y State require	ments)*	Ga	revourg-	Jackson
At surface	200 rt. 1	from West I	ine and 2	900 st. s	rom Souti	line 11. SE	AREA	OR BLOCK AND BURY
At top prod. inte	erval reported below	A 2000 * Thing		Eddy Cou	nty, N.M.	•		BEL SW
At total depth	3615 st.	0.T.D. 20	JU It.			390,	. 19-179	31K.
	2022 200	Ì	14. PERMIT NO.	. D	ATE ISSUED		UNTY OR BISH	13. STATE
					2-7-1964		by Count	West March
5. DATE SPUDDED	16. DATE T.D. REAL	! .		o prod.) 18.		OF, REB, RT, GR, E1	,	ELEV. CASINGHEAD
1-12-1964	A PRID   21 PLUTS	L-30=	0 1 22 15 1677	TIPLE COMPL.,	36131 23. INT	PREATE DOWN	T TOOLS	CABLE TOOLS
3615'			HOW M	any*	DRI	LLED BY		cabla
4. PRODUCING INTER	VAL(S), OF THIS CO	MPLETION-TOP, I	BOTTOM, NAME (	MD AND TVD)*	~E	12	2:	5. WAS DIRECTIONA SURVEY MADE
26021	ta 2021 B	andres Total	lagan Oas	e	3 E L	420.		
6. TYPE ELECTRIC A	No comes 1000 pt	SADORE SADO	KACH - DAY	ARLTON I		5 1905	1 07 5	AS WELL CORED
Acoust	to 3593 - Grand other logs but							<b>16</b>
S. CASING SIZE	WEIGHT, LB./FT		G RECORD (Res	oort all strings	set in well)	ATING RECORD		AMOUNT PULLED
8-5/8"	2), #	5051		) bu		sacira		AMOUNT PULLED
7n	20 /	1792		120	7.2		<del></del>	
7				75	***	) sacks		
		NED PROOF		<u> </u>	1.00			
SIZE		NER RECORD	ACKS CEMENT	SCREEN (MD	30. SIZE	DEPTH 8	RECORD	PACKER SET (MD
). <u>L</u> n		3578	1.65		2-3			
			499	110000		271	<b>D</b> 1	27402
31. PERFORATION REC 2755-2785	· · · · · · · · · · · · · · · · · · ·	•		82.		, FRACTURE, CI	EMENT SQU	EEZE, ETC.
2831-2885	11 "	#		DEPTH INTE				MATERIAL USED
2911-2979	26 ¤	#		2831-20	<b>85 - 250</b>	gale.toid	150661	and and a
3378-3384	12 "	et .		2910-29	79 - 500	21 )6	h86 *	# H
<b>3</b> 55 <b>b-3</b> 562	16 "	***************************************		3378-33	-1000	t5 ts		·
33.*	ION   PRODUC	PION METHOD (Flo	PRO		65 -1000	N N	`.	
April 30	_ [	flowing	wing, yus tijt, p	umpiny—aize u	<b>на тур</b> е ој риз	**p)	Shu STATU	s (Producing or
ATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.	GY8M	CF. WATE	1	producing GAS-OIL BATIO
-28- <b>196</b> 4	21,	- <del>}</del> e	TEST PERIOD	53	oc		A.S.	.4
	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GASM	ICF.	WATER BEL.	7 Bur 6	PI (CORR.)
		<b>│</b>	53	not t	ested	1 84	3/	CANA
150 #	pagicer	(el sented etc.)					~ - T = = = 2 2 E D <b>/ =</b>	
150 #	AS (Sold, used for fu		O			1	Or The se	<b>*</b>
	AS (Sold, used for fu		Company	·		المارين المارين	in the fall of	<u></u>
150 # 14. DISPOSITION OF GATTACH	as (Sold, used for fu	ikelly Oil	Annuatio I	(allogity )	Log	U. SATES	Ly HE MAN	
150 # 4. DISPOSITION OF GATTACH	AS (Sold, used for fu	ikelly Oil	Annuatio I	elecity	ct as determin	U. ARTE	able records	

## MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME: FREN OIL COMPANY #8			FIELD: GRAYBURG-JACKSON				
LOCATION: 2310'F	LOCATION: 2310'FSL & 2970'FEL, SEC 19-T17S-R31E			COUNTY: EDDY			
ELEVATION: GL=U	ELEVATION: GL=UNK; KB=UNK			SPUD DATE: 11/27/46 COMP DATE:			
API#: 30-015-05256	PREPARED	BY: C.H. CARLE	TON		DATE: 04/28/	99	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE	
CASING:	0' - 505'	8 5/8"	24#			12"	
CASING:	0' - 1792'	7"	20#	J-55		8 1/2"	
CASING:	0' - 3578'	4 1/2"	9.5#	J-55		6 1/4"	
TUBING:	0' - 2655'	2 3/8"	4.7#	J-55	EUE 8rd		
TUBING:							



CURRENT

☐ PROPOSED

OPERATOR: DEVON ENERGY CORPORATION(NEVADA)

8 5/8" CASING @ 505' W/75 SXS. TOC @ 370' (calculated)

4 1/2" & 7" CASING PERF'D AND SQUEEZED @ 605' W/85 SXS

7" CASING @ 1792' W/130 SXS. TOC @ 1110' (calculated)

### **DETAIL OF PERFORATIONS**

GRAYBURG: 2722', 24'

U.GRAYBURG: 2755'-2759', 2774'-2779', 2782'-2785'

LOCO HILLS: 2834'-2836', 2839'-2841'
METEX: 2882'-2885', 2911'-2913'

L.GRAYBURG: 2949'-2953', 2972'-2979'

PREMIER: 3013', 26', 28', 45', 47', 63', 65', 72', 74', 76'

VACUUM: 3145', 51', 53', 57'
LOVINGTON: 3215', 17', 33', 37'
M.JACKSON: 3378'-3384', 3554'-3562'

(NOTE: BOLD PERF DEPTH AT 2 SPF)

SEAT NIPPLE @ 2655'

BAKER AD-1 PACKER @ 2656'

PERFORATIONS: 2722'- 3562' (OA) - 113 HOLES(EST)

CIBP @ 3570' AND CAPPED WITH 3 SXS CEMENT

4 1/2" CASING @ 3578' W/465 SXS. TOC @ 170' (TEMP SURVEY)

OPEN HOLE: 3578'- 3615'

TD @ 3615'

Form Approved. Budget Bureau No. 42-R1424

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	LC031844
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME
reservoir, Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas other	Fren Oil Co.
	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil & Gas Co.	19 10. FIELD OR WILDCAT NAME
Division of Atlantic Richfield Co.  3. ADDRESS OF OPERATOR	Cedar Lake Abo
P. O. Box 1710, Hobbs, New Mexico 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.)	19-17S-31E
AT SURFACE: 1650' FSL & 990'FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: AT TOTAL DEPTH: As Above	Eddy New Mexico
AS ADOVE	14. API NO. 4.55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	15 CLEVATIONS (CHOW DE MOD AND MOD
	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3603'GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3003 GK
TEST WATER SHUT-OFF	
FRACTURE TREAT RECEI	VED NEED ESS
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING     MAY 1 9	
	1300
CHANGE ZONES U U.S. GEULUGICA	A SURVEY
(other) ARTESIA, NEW	MEXICO
	· · · · · · · · · · · · · · · · · · ·
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertined.	directionally drilled, give subsurface locations and
Rigged up on 4-22-80. POH w/comp assy, inst	all BOP.
RIH w/RBP, set BP @ 6900'. Dmpd 3 sx sd on	
SONAN log indicated water movement @ 1860-20	30'.
3. Perfd 4½" csg @ 2320'. RIH w/pkr, set pkr @	2018', established circ. POH w/pkr.
Ran & set cmt retr @ 2250'. Squeeze cmtd pe	
CaCl. RO 5 sx cmt. Temp survey indicated T	
4. Perf'd 4½" csg w/4 holes @ 1800-1802'. Set	
Ran & set retr @ 1750'. Pmpd 100 sx C1 C cm	
Cl C cmt w/ 3% Ca Cl. Temp survey indicated  5. Perf'd 4 holes @ 1415-1417'. RIH w/cmt retr	
5. Perf'd 4 holes @ 1415-1417'. RIH w/cmt retr cmt w/19# salt/sk followed by 100 sx C1 C cm	
indicated TOC @ 1320'.	t w/3% Caci. woc. Temp survey
(over)	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
	F 15 00
SIGNED TITLE Dist. Drlg S	·
(This space for Federal or State of APPROVED BY SOLL) GEORGE H. STEWART TITLE	fice use),
APPROVED SELV GEORGE H. STEWART THE	CA ENGINEER MAY - 3 "3"
CONDITIONS OF APPROVAL, IF ANY:	UNIEUNIE

ADDITION OF THE PERSON OF THE

### Catanach, David

From:

Jason Wacker [Jason.Wacker@meritenergy.com]

Sent:

Friday, December 05, 2003 6:49 AM

To:

dcatanach@state.nm.us

Subject:

Waterflood Expansion Application - Merit Energy Company



PERMIT AP. GBJ 7R PILOT WELLS ...

David,

Lawrence Romero, in your Santa Fe office, was able to locate the well file for the Friess Federal #5 and get it scanned into the NMOCD website for me to view. The well was drilled in 1982 and cement behind the 5-1/2" casing was brought up to 800'. The well had a waterflow in 1999 that was repaired by the NMOCD, as we discussed. To repair the well and stop the waterflow, the 5-1/2" casing was perforated at 715' and cement was circulated to surface. This well has good mechanical integrity across the Seven Rivers.

The attached spreadsheet is updated with the Friess Federal #5 information for your files. Thanks again!

(See attached file: PERMIT AP. GBJ 7R PILOT WELLS IN AREA OF REVIEW - 4 INJECTORS.xls)

Jason Wacker Merit Energy Company 13727 Noel Road, Suite 500 Dallas, Texas 75240

Phone: 972-628-1579 Fax: 972-701-0351

-

# WELL LISTING HALF MILE AREA OF REVIEW GRAYBURG JACKSON WATERFLOOD SEVEN RIVERS PILOT PROJECT

C)	_											K I	13 3	/8"	12 3/4"	11 3/4"	11	3/4"	9 5/8"	8.5/	8"	8 1/4"		324	5.7	1/2**	4 1/2"	,	2 7/8"		
· WELL NAME	WELL	LOCATION	TD	SPUD DATE	COMPLETION DATE	CURRENT STATUS	TYPE OF COMPLETION	DEPTHS	IP (BOPD)	BRIDGE PLUG DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET	# OF SXS	FEET # C	FEET S	OF XS FEE	r # OF SXS	FEET # OF SXS	FEET	# OF SXS	FEET # OF SXS		# OF SXS	FEET	# OF SXS		OF FE	ET # O	)F SXS	TOC
FREN OIL CO	4	19 17S 31E	2,054	12/8/43	1/21/44	P&A	OPEN HOLE	1845-2052	160	<i>D</i>										480	60		1,845	100		0.5					
					12/18/58 5/14/64		PERFORATE PERFORATE	3020-3152 2722-3152		3170	-				-		-	1						+-	3,178	85					
					7/8/77		P&A	2722-3132		3110		7/8/1977																			
FREN OIL CO	6	19 17S 31E	2,020	8/10/46	9/9/46	P&A	OPEN HOLE	1818-2020 2911-3546	106	30.00										500	75		1,818	150			3,643 2	295			
					2/20/64 10/13/75		DEEPEN & PERFORATE P&A	2911-3546				10/13/1975																			
FREN OIL CO	9	19 17S 31E	3,445	2/5/47	4/28/47	P&A	OPEN HOLE	2595-3121	41					-	_		-	-		506	50		2,595	150		125			-		1 100
					11/25/55 11/17/76		P&A	1830				11/17/1976											100			120					
FRIESS, MAX	3	30 17S 31E	3451	7/1/57	8/13/57	P&A	PERFORATE	2908-3274	264			200000000000000000000000000000000000000					586	100					3,451	100							2,400
		200			2/22/60 5/20/62		PERFORATE PERFORATE	3379-3392 3382-3396			5/20/1962																				. 31
					8/3/78		P&A			77 1 1 1 1		8/3/1978											401	50	1.076	100					
TURNER A	16	19 17S 31E	1,927	3/2/44	4/29/44 9/28/85	P&A	OPEN HOLE SET CIBP	1876-1927	60	1844	9/28/1985												491	30	1,670	100					
					6/21/86		P&A					6/21/1986											102	50	1.043	100					
TURNER A	17	19 17S 31E	1,965	8/29/44	10/22/44	P&A	OPEN HOLE P&A	1847-1965	95			10/12/1985											493	50	1,847	100		2			
TURNER A	20	19 17S 31E	1,935	4/16/48	10/12/85 6/8/48	P&A	OPEN HOLE	1866-1935	15														510	50	1,866	100					
					3/2/76		P&A	1855-1932	- 10			3/2/1976								500	30				1.855	75					
TURNER A	21	19 17S 31E	1,932	10/10/48	11/29/48 2/24/76	P&A	OPEN HOLE P&A	1833-1932	10			2/24/1976										E E E				3					7.
TURNER B	14	20 17S 31E	2,115	6/15/44	8/16/44	P&A	OPEN HOLE	1940-2115	85			3/16/1976											556	50	1,940	100		_	-		
TURNER B	26	20 17S 31E	2,010	10/15/47	3/16/76 1/2/48	P&A	P&A OPEN HOLE	1932-2010	20			3/10/19/0										3	536	50	1,932	100					
					3/13/76	32 5 1	P&A			3 3 3 3	7-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	3/13/1976										527 50			1 020	100					77
TURNER B	27	20 17S 31E	2,034	10/22/47	12/31/47 3/11/76	P&A	OPEN HOLE P&A	1939-2034	12			3/11/1976										327 30			1,939	100					
TURNER B	28	20 17S 31E	1.949	4/22/48	6/8/48	P&A	OPEN HOLE	1873-1949	15														511	- 50	1,873	100					
TUDNED D	70	20 178 218	7 200	9/13/60	3/8/76 9/9/60	D.C. A	P&A PERFORATE	7042-7058	356			3/8/1976								1,600	900						7,200 1.	,300			0
TURNER B	70	20 17S 31E	7,200	8/12/60	1/28/71	P&A	SET CIBP	7042-7036	330	7000	1/28/1971																				
TURNER B	58	29 17S 31E	13714	7/27/59	1/7/60	DRY	PERFORATE	9763-9765		9 Y 1- 3	1/7/1960	10/12/1971	230	300					3,825 2,508						9,900	150					9,430
FREN OIL CO	10	19 17S 31E	2,034	1/6/47	10/12/71	P&A	P&A OPEN HOLE	1780-2034	85		111111111111111111111111111111111111111	10/12/17/1								494	75		1,780	130							
		2 0.4			1/7/64		DEEPEN & PERFORATE	2925-3248															-	+	-	-	3,308	225	_	-	
					6/9/82 11/21/01		PERFORATE P&A	3116-3171			100	11/21/2001					4														
FRIESS FEDERAL	2	19 17S 31E	1,970	7/17/44	9/1/44	P&A	OPEN HOLE	1804-1970	85	- S 10 C												470 50	1,804	100		45					2,300
		## ##			6/23/55		DEEPEN OPEN HOLE DEEPEN OPEN HOLE	2981-3110 3255																	2,781	100					2,500
					7/5/72		PLUG BACK & CONV. TO INJ.	3122		3 5 45 54	ESSECT S											26 53					27	9 - 2			
					4/22/82		PERFORATE	2850-2900			5																			120	
					7/19/82		CLEAN OUT	3. 3. 3.	4	43.43																					3
FRIESS		20 179 215	2.059	9/15/42	12/3/01 4/15/44	OIL	P&A OPEN HOLE	1887-2058	150			12/3/2001										513 50	1,887	100							
PRIESS	1	30 17S 31E	2,038	3/13/42	6/27/56	OIL	DEEPEN OPEN HOLE	3232	150							17.6								-		-					
EDIFOG FEDERAL		30 17S 31E	2.670	0/06/81	3/3/81 2/23/82	OIL	PERFORATE PERFORATE & FRAC	2050-2056 1965' - 2087'	10													437 405			2,209	509					0
FRIESS FEDERAL CEDAR LAKE	5 3Y	30 178 31E		6/14/58	7/25/58	OIL	PERFORATE & FRAC	2835-3256	150								518	360	0.6869					150				2.00	0.11.0		2,038
-					3/30/87		CLEAN OUT & INSTALL TBG	Parent				100			The state of				131										8" @		
TURNER B	13	20 17S 31E	2,051	5/29/44	8/13/44	P&A	OPEN HOLE	1891-2051	91													200	534	- 50	1,891	100					
		20 1450 245		0/21/14	10/20/86	201	P&A OPEN HOLE	1875-1949	100			10/20/1986										510 50	1.875	100						-	
TURNER B	15	20 17S 31E	1,949	8/31/44	11/4/44 10/10/86	P&A	P&A	1873-1949	100			10/10/1986																			
TURNER B	16	20 17S 31E	1,974	11/2/44	12/31/44	P&A	OPEN HOLE	1876-1974	60	1050	8/22/1985								200	536	50		1,876	100						$\rightarrow$	
					8/22/85 7/3/86		SET CIBP P&A	20 - 126 - 127 - 167		1850	8/22/1983	7/3/1986																			12.
TURNER B	17	20 17S 31E	2,046	11/12/44	2/1/45	P&A	OPEN HOLE	1945-2046	75														600	50	1,945	100			-		
					11/12/86		P&A	2980-3023 / 3056-		Alexander and alexander		11/12/1986					75.00			495	50		1 251	110	3.056	65					
STATE BK	2	19 17S 31E	2,014	8/24/66	8/24/66	P&A	PERFORATE / OPEN HOLE	3568	2.72	7 6 5 5		6/22/2002								773	30		1,031	110	3,030	- 00					
STATE BK	4	19 17S 31E	1 908	6/4/47	5/22/02 7/18/47	P&A	P&A OPEN HOLE	1906-1982				5/22/2002								505	50				1,906	75					
					11/17/99		P&A	- d 6				11/17/1999								1 2/2	200						7.000	970			
STATE BK	. 6	19 17S 31E	7,090	9/20/62	11/6/62	P&A	PERFORATE P&A	7034-7046			45.475	1/1/2001							2, 4	1,252	200						7,088	870			
FREN OIL CO	16	19 17S 31E	7,067	8/24/61	1/1/01 9/16/61	P&A	PERFORATE	6972-6998	80			1.200								1,503	550				7,067	1,050					0
					1/14/71		SET CIBP			6918 6750	1/14/1971						N. C.						-	+	-						
	-				6/3/80 3/4/96		SET CIBP P&A			0/30		3/4/1996	0																		
FREN OIL CO	17	19 17S 31E	7,035	12/11/61	1/1/62	P&A	PERFORATE	6928-6982	450	-	1/10/2001						-3 37			1,489	400						7,029	675			0
					1/19/71 3/8/96		SET CIBP P&A	7		6875	1/19/1971	3/8/1996																			1

# WELL LISTING HALF MILE AREA OF REVIEW GRAYBURG JACKSON WATERFLOOD SEVEN RIVERS PILOT PROJECT

WELL NAME	WELL #	LOCATION	TD	CRUP DATE	COMPLETION	CURRENT	TYPE OF COMPLETION	DEBTHE	IP	BRIDGE PLUG	TEMPORARILY	De A DATE	13 3/8" # OF	12 3/4" # O	F FEET	# OF	EET # OF	FFFT	# OF	# OI	FEET #C		# OF		# OF	FEET # OI		# OF SXS	TOC
WELL NAME				SPUD DATE	DATE	STATUS	TYPE OF COMPLETION	DEPTHS	(BOPD)	DEPTH	ABANDONED DATE	P&A DATE	FEET SXS		S FEET	SXS F	EET SXS	FEET		SXS	FEET SX	S FEET	SXS	FEET	SXS	SXS	5	# OF SAS	2.274
FREN OIL CO	19	19 178 311	7,100	3/12/62	4/2/62	OIL	PERFORATE PERFORATE & SQUEEZE (700	7026-7095 2320, 1800 &	182						+		_			1,391 675						7,100 1,93	15		2,354
	200		1 26		4/22/80		SXS)	1415				1			1														
THE OW CO	-	10 170 20	2,116	5107160	4/27/93		PERFORATE	6866-7019	226									1,439	750							7,113 1,20	00		0
FREN OIL CO	20	19 175 311	7,113	5/27/62	6/17/62 *	P&A	PERFORATE PERFORATE & SQUEEZE	6928-7086 2110 & TOC @	226									1,433	730							7,110 7,20			
	15.5.3				1/16/71		(1250 SXS)	1910		6868	1/16/1971																		35.5
					3/25/80		CLEAN OUT																						
					5/28/80		SET NEW BP & PERFORATED			2308				33.5		30.0											9		
					3/29/96		P&A					3/29/1996												6.024	1.000				
LEE FEDERAL LEE FEDERAL	6	20 17S 311 20 17S 311		8/15/98 7/27/99	5/21/99 11/27/99	OIL	PERFORATE PERFORATE	4641-4973 4670-5038	23 16				450 450							442 400 1,368 700					1,800				
LEE FEDERAL	7	20 178 311		N/A	102000	LOC	TERRORATE	4070-3030					420 420	100															
LEE FEDERAL	8	20 178 311		N/A	7/12/01	LOC	DED DOD ATTE	4542 5042	27				452 450							1,367 650				5 231	1,250				
LEE FEDERAL LEE FEDERAL		20 17S 311 20 17S 311		4/29/01 4/9/03	7/13/01 5/29/03	OIL	PERFORATE PERFORATE	4642-5042 4628-4948	27				453 450 317 400							1,351 570				5,190					
TURNER B		20 178 311		3/25/60	5/19/60	P&A	PERFORATE	7120-7152	288				477 795							3,800 3,30						7,497 500	0		4,800
					2/4/62		PERFORATE & SQUEEZE (DRILL CMT OUT TO 7130')	7122-7128																1 - "					
					1/21/71		SET CIBP			6963	1/21/1971																		
			1/43		11/18/83		CLEAN OUT & TEST	100	3-3/																				-
FREN OIL CO	1	19 175 311	2.040	6/25/43	8/27/99 8/21/43	SHUT-IN	P&A OPEN HOLE	1850-2030	44			8/27/1999										507	50	1,850	100	100 E S			
FREN OIL CO		12 (13 31)	2,040	0/23/43	8/20/71	SHOT-III	OFERTIOEE	1030-2030			8/20/1971																		
FREN OIL CO	2	19 178 311	1,991	10/2/43	11/29/43	TA	OPEN HOLE	1821-1991	72	81										460 50		1,821	100						
					3/30/50		PERFORATE DEEPEN & OPEN HOLE	1942-1989								-	-	-	_	_		_	_	2011	7.5				
					12/22/54		COMPL.	3065-3116																3,065	75				
			100		7/3/72		DEEPEN & CONV. TO INJ.	3181		2010	2/27/2002																		
FREN OIL CO	3	19 17S 311	2.002	3/12/44	2/27/02 4/15/44	SHUT-IN	SET CIBP OPEN HOLE	1802-2002	145	3010	2/27/2002									482 50		1,802	100						
ALCOHOL:	4-1-1-4			3/12/44	7/1/55		DEEPEN	3134	1000	7.5 6 6	5 5 5 5 9	2000				2	8 9 9							3,074	80				
					8/9/72		PLUG BACK (3100')&	2950-3044		ALEXAND.		88					2.6							3-15					
FREN OIL CO	5	19 178 311	2,023	1/27/44	2/25/44	SHUT-IN	PERFORATE OPEN HOLE	1806-2023	152											485 50		1,806	100						
					8/20/71						8/20/1971											1.00		-					
	-			CO. 1014	11/19/46 8/20/71		OPEN HOLE TA	1809-2023	83		8/20/1971				-		-		-	452 75		1,809	130	-		× 11 11			
FREN ON CO		10 170 017	2212	10/10/45			DEEPEN (3100') &	2844-3071			8/20/19/1															3,094 150	n = 1	D	2,486
FREN OIL CO	7	19 178 311	3,312	10/19/46	12/12/63	INJ	PERFORATE			7.00-13.024		23.55														5,074			2,700
					5/30/80		CEM. 4 1/2" - 7" PERFORATE & CONV. TO INJ	2486-SURFACE		2 2 2 2	7																2 3/8" @		
					12/3/97		WELL	2820-2992				7.312															2749		
FREN OIL CO	8	19 178 311	1,979	11/27/46	12/28/46	INJ	OPEN HOLE	1792-2021	60								-	-		505 75		1,792	130	-			-		
				11/27/46	4/30/64		DEEPEN (3615') & PERFORATE	2755-3562			The second second													1		3,578 465	5		
					3/24/76		P&A					3/24/1976														13	2650.00		
					12/3/97		PERFORATE & CONV. TO INJ. 3 WELL	3074-3237 &2722- 3076		3320			30.	. 1								18					2659 OF 3/8"	2	
FREN OIL CO	11	19 178 311	2.042	5/4/47	6/4/47	SHUT-IN	OPEN HOLE	1809-2042	42				6500 000							438 50		1,809	130		200		1. 15.00		
					10/1/71		SHUT-IN, UNECONOMIC				10/1/1971									100 50		2.000	126						
FREN OIL CO	12	19 17S 31E	3,141	12/14/54	2/11/55	INJ	OPEN HOLE DEEPEN (3200') &	3080-3141	630								-	+-+		499 50		3,080	125						
					6/8/82		PERFORATE	3060-3070	Papila														1 3						
					12/3/97		PERFORATE & CONV. TO INJ.	2785-3030			2 .												176		120		2,721		
					7/1/00		WELL TEST & CLEAN OUT																						17.5
FREN OIL CO	13	19 17S 31I	3,336	3/6/55	6/13/55	INJ	OPEN HOLE	3194-3255	720											514 75		3,194	1 150					1	
					6/22/72		PERFORATE & CONV. TO INJ. WELL	3153-3186		1.2.2535	<b>建产品</b>							5											
					6/22/82		PERFORATE	3044-3052			2 6 9 6																		
					9/18/92		CLEAN OUT	3333			2010/2012/2012																		
					4/15/97		PERFORATE & RETURN TO	2782-3369		2,142,000			1504									3 45							25.0
FREN OIL CO	18	19 17S 31E	7,150	1/2/62	5/11/62	OIL	INJ. PERFORATE	7011-7022	192	0.00										1,364 650						7,120 1,20	00		1,435
A STATE OF THE PARTY OF THE PAR			100		10/27/78			400-1402 & 2975		3200			16									DE CHEISIG				12		1	
FREN OIL CO	23	19 178 311	3 735	6/12/96	8/9/96	OIL	PERFORATE	3104 2876-3269	125											396 350				3,734	1,475				150
FREN OIL CO	24	19 17S 31E	3,610	7/20/96	8/20/96	OIL	PERFORATE	2745-3327	184	2011	1121 220028									391 350					1,050				0
FREN OIL CO		19 17S 31E			8/14/97	INJ		171-3300 & 2762	2					1 5						428 300	450 0			3,731	2,325				
							PERFORATE & CONV. TO INJ. 2	3131 2762-3131 & 3171																		7. 7			
					9/16/97		WELL WELL	3300		45 5 5 5										2 3									
													Name and Address of the Owner, where		CONTRACTOR OF THE PERSON NAMED IN				CONTRACTOR OF THE PARTY OF THE	Control Control			-	The second second	A STATE OF THE PARTY OF THE PAR	Account to the last of			1

# WELL LISTING HALF MILE AREA OF REVIEW GRAYBURG JACKSON WATERFLOOD SEVEN RIVERS PILOT PROJECT

													13 3/8"	1	2 3/4"	11.3	3/4"	10 3/4"		5/8"	8.5		8 1/4"		7"		1/2"	41		2 7/	8"	mac
WELL NAME	WELL#	LOCATION	TD	SPUD DATE	COMPLETION		TYPE OF COMPLETION	DEPTHS	IP (BOPD)	BRIDGE PLUG DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET #	OF XS FEE	T # OF SXS	FEET	# OF SXS	FEET # O	F FEET	# OF SXS	FEET	# OF SXS	FEET # 0	OF FEE	T #O	F FEET	T # OF SXS	FEET	# OF SXS	FEET	# OF SXS	TOC
FRIESS FEDERAL	1	19 17S 31E		9/18/41	4/15/42	STATUS P&A	OPEN HOLE	2719-2870	35	DETTI	TENTINE OTTO TO									1			465 5	0 2,71	9 100	0			-			
RIESSTEDERIC			-,		2/16/67		CLEAN OUT	3470			4							-			-			-	-		-					
					8/13/69		PERFORATE (7" CSG COLLAPSE)	1901-1974		2431	-					1					1											
	-				11/27/72		TA TA				11/27/1972														-	-	_				1	-
					6/7/97		P&A		004			6/7/1997									1.405	200				7,085	5 850					1,454
FRIESS FEDERAL	3	19 17S 31E	7,085	5/23/62	7/13/62 5/17/63	OIL	PERFORATE PERFORATE	7060-7070 6955-7046	984																							
						8 8 8	SQZ ALL PERFS W/ 150 SXS &	6955-7005	1.00	1.0 4 5 E	123418							50					- 3									
					4/5/65		PERFORTE	0733-7003	11																					3.5		
					7/8/69		DRILL OUT (7095') & PERFORATE	6959-7095			FREDRICH	5.5														- 3						
				7, 7, 3	6/23/70		PERFORATE	2814-3176	100	3269																						
					8/9/85	OH	SHUT-IN, UNECONOMIC	2734-3322	147												390	375				3,719	9 1,350					0
FRIESS FEDERAL	4 WI 5	19 17S 31E 19 17S 31E		5/29/96 12/6/97	7/6/96	OIL	PERFORATE PERFORATE	2720-3251	147		T-45-5-4-6-4-4											350				3,439	9 1,050				7	
FRIESS FEDERAL	W1-3	17 173 311	3,440	1207			ACIDIZE & CONV. TO INJ.			24 5 2 5															3 6							
					2/10/98		WELL OPEN HOLE	1852-2057	10						-								524 5	0 1,8:	2 100	0						
FRIESS, MAX	1	30 17S 31H	2,057	12/14/43	3/6/43 2/25/55	INJ	OPEN HOLE PLUGGED BACK	2050	10																0 1							
					10/1/57		DEEPEN & OPEN HOLE	2830-3437	1/2 00											4				1		2,830	0 100					1,980
					10/1/37		COMPL.		-					_						1	_			_						3,423	155	
				1	7/11/72		PERFORATE & CONV. TO INJ. WELL	3108-3237		Marie Carlo																				3,423	133	2.22
FRIESS, MAX	2	30 178 311	3,300	4/26/57	6/13/57	INJ	PERFORATE	3264-3276	206									582 10	0					3,31	00 100	U	+					2,375
					9/24/58	3-4-5	PERFORATE PERFORATE	3098-3128 3191-3212	5 5							3 3														2 2 2		
		76 82 637			9/9/73		PERFORATE & SQUEEZE	3191-3212	-3. 2.	0-1-2-2-5		2.2.3				1 3																
					1/30/86	4 3 2	(2150 W/125 SXS &1800 W/125	1985-2035		14.2 24.2 2	144 4 124								5 5 5													
					1.00000	2.5	SXS) CLEAN OUT	3286											-				3 2									
					11/11/90		PERFORATE & CONV. TO INJ.		100																				3	2,700		
					11/5/96		WELL	2750-3282										314 10						3.3	6 100	0	-					2,210
FRIESS, MAX	4	30 178 311	3,397	8/26/57	10/6/57	INJ	PERFORATE PERFORATE	3358-3368 3220-3240	232					-				314 10	-		-	-		5,5	10						1577	
	-		-		11/11/58 6/22/72		CONV. TO INJ. WELL	3220-3240	1	3300		7																				
					9/28/91		CLEAN OUT & PERFORATE	2903-3390						_	_	-				+	-					-	-	-				100
241,22					4/14/97		PERFORATE & RETURN TO INJ.	2910-3562									- 1			To go o		1										
FRIESS, MAX	5	30 17S 311	3.810	3/12/91	3/30/91	OIL	PERFORATE	3036-3540	292			32.0			5 500						1,391	800					5 1,100					0
FRIESS, MAX	6	30 178 311		5/5/92	5/21/92	OIL	PERFORATE	3089-3519	298				404 3	75								650				3,93	7 1,100					0
TURNER A	35	19 178 311	3,635	12/2/67	1/17/68	INJ	PERFORATE & CONV. TO INJ. WELL	2930-3380		# 24 2 2 E	44.34.5		5.5								555	350						3,635	390	7.3	2.4	1,48
		2 2 2			8/24/91	5. ***	FILL W/ CMT 4 1/2" - 8 5/8"	8 1 -5			1000																					2
		376			5/24/97		CLEAN OUT												605	350				3.4	50 450	0						1,800
TURNER A	36	19 178 311		11/18/67	12/10/67	OIL	PERFORATE	2934-3418 2690-3429	61 382		7.53556								603	330		500		5,4	70 43		2 1,875					
TURNER A TURNER A	47	19 17S 31 19 17S 311		5/7/96 4/15/96	6/1/96 5/23/96	OIL	PERFORATE PERFORATE	2741-3243	95		111										353	350					9 2,000					0
TURNER A	50	19 175 311	E 3,775	2/15/96	4/5/96	OIL	PERFORATE	2706-3488	243		2 1 1 1 1 1 1	30									421	650 500					4 640					570 0
TURNER A	51	19 178 311	E 3,665	4/8/96	5/13/96	OIL	PERFORATE OPEN HOLE	2689-3402 1875-2022	200 50												428	300		60	9 50		5 100					5
TURNER B	12	20 178 31	2,022	3/12/44	9/6/85	TA	SET CIBP	1813-2022	30	1845	9/6/1985			3 8				15 5														47
TURNER B	23	29 178 31	E 2,102	7/13/46	9/1/46	TA	OPEN HOLE	1995-2102	25		10/11/10/0					-				-	-			55	8 50	1,99	5 100	-			-	
			2 111	60.000	12/11/68	15/1	TA PERFORATE	3290-3408	80		12/11/1968								532	50						3,45	1 200					19.00
TURNER B	41	20 178 31	3,455	5/14/53	7/16/53	INJ	PERFORATE	2955-2980	- 00																							
		1 3 3 3			12/30/67		CONV. TO INJ. WELL	57 0.51 5	5		200																					
					1/18/70	1 2 2 2	SQUEEZE & PERFORATE PERFORATED & RETURN TO	2900-2902	-																					2 3/8" &		
		14.55		35.5	2/13/97	1.5 3.3	INJ.	2706-3108	3 = 3		A 接着 重要																			2639		
				4 1	3/7/01		CLEAN OUT & PRESSURE			134,44										2 3												
		an I real co	2 226	0/3/55		INI	TEST PERFORATE	3062-3078	168												528	50				3,23	17 125					2,34
TURNER B	43	20 17S 31	3,238	9/1/55	10/16/55	INJ	PERFORATE	3200-3210	100																		-					
					2/3/70		PERFORATE	3148-3163						_		-			-	+-	-			-	-	-	+-	+-			-	1,40
					6/15/80		SQUEEZE & PERFORATE PERFORATE	2331-2332 2873-2994	1																							-,,,,
			-		4/5/91		PERFORATE & CONV. TO INJ.		1															Sel II								
	Service and Commence and Commen				4/13/97		WELL	2822-3129													420	270				3 33	19 125					2,53
TURNER B	44	20 178 31	E 3,342	10/30/55	11/21/55	INJ	PERFORATE CONV. TO INJ. WELL	3161-3176	750												407	270				3,33	123					75
		3 2.23		7	3/11/69	1	PERFORATE	3185-3269										E .					9									
			3.9		9/18/91		PERFORATE	3130-3334	23									1.5														-
			1 2 3 3		2/24/97	2 2 2 3	CLEAN OUT		7.	200000000000000000000000000000000000000	10 TO																					

3

# WELL LISTING HALF MILE AREA OF REVIEW GRAYBURG JACKSON WATERFLOOD SEVEN RIVERS PILOT PROJECT

														13 3/8"	1	12 3/4"	11 3/4"	12.	10 3/4"	9	5/8"	8.5	/8"	8 1/4"	7	14	5 1/2	н	4 1/2"	2	2 7/8"	
WELL NAME	WELL #	LOCATIO	ON T	D S	SPUD DATE	COMPLETION DATE	CURRENT STATUS	TYPE OF COMPLETION	DEPTHS	IP (BOPD)	BRIDGE PLUG DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET # C		ET # OF			ET # C	FEE'	T # OF SXS		# OF SXS	FEET # OF SXS	FEET	# OF SXS	FEET	# OF SXS	FEET # O		# OF SXS	ТО
TURNER B	50	29 178 3	1E 3,3	375	10/6/57	11/25/57	INJ	PERFORATE	3306-3320	205								59	8   10	0					3,374	100						2,27
			-			6/18/59		PERFORATE	3208-3224																							
						3/11/69		CONV. TO INJ. WELL			3305																					
						1/22/70		CLEANED OUT & PERFORATE	3172-3285																1							
						7/18/91		DRILLED OUT CIBP & PERFORATE	2978-3156																							
						3/17/97		PERFORATE & RETURN TO INJ.	2914-2948				Land Land											1 94		- 5						
TURNER B	67	20 178 3	1E 7.2	223	5/26/60	7/25/60	INJ	PERFORATE	3031-7054	192				470 52	25							3,800	900						7,221			3,6
						4/3/69		SQZ PERFS& CONV TO INJ. WELL	3155-3180		6930																					
						1/30/70		PERFORATE	3060-3068																							
						3/24/96		SQZ CSG LEAKS	478-513																							
TURNER B	79	20 178 3	1E 3.5	530	1/3/68	1/25/68	INJ	PERFORATE	2890-3124	67										605	350				3,530	500						1,3
						4/23/97		PERFORATE & CONV. TO INJ. WELL	2739-3469							-																
TURNER B	89	29 17S 3	1E 3,8	800	12/30/90	1/18/91	OIL	PERFORATE	3117-3309	316												600				3	3,800					
						1/19/91		PERFORATE	3065-3530	165			- 1									589					3,800					
TURNER B	93	20 178 3	1E 3,8	821	1/18/91	2/22/91	OIL	PERFORATE	2864-3681	250				452 65	50							1,421						3,821	900			
TURNER B	95	20 178	1E 3,7	700	1/17/91	2/19/91	OIL	PERFORATE	2815-3551	113												603					3,700					
TURNER B	96	20 178 3			1/27/91	2/16/91	OIL	PERFORATE	2725-3514	134			Company of the last						100			597					3,752					
TURNER B	100	20 178	1E 3,5	580	2/9/91	2/18/91	OIL	PERFORATE	3213-3454	60							465 4	2.5			100	1,422					3,576					
TURNER B	101	20 178	1E 3,8	857	6/7/92	8/21/92	OIL	PERFORATE	3031-3800	48				367 40	00							1,246					3,856					
TURNER B	115	20 178	1E 3.6	500	2/16/99	3/16/99	OIL	PERFORATE	2696-3406	242												425	TO THE PERSON NAMED IN COLUMN 1	1.5			3,598					
TURNER B	118	20 178	1E 37	760	6/18/96	8/19/96	OIL	PERFORATE	2821-3517	300												339	350				3,759					
HERRY VANILLA	1	19 17S	1E 11,	760	10/30/02	1/9/02	GAS	PERFORATE	11229-11236					434 40						4,531	3,525			2000			11,760	1,350				
IOCOLATE MOOSE	1	20 17S 3	1E 4,5	550	12/20/01	1/10/02	DRY	LOST HOLE	4503				1/15/2002	445 50																		
HOCOLATE MOOSE	1-Y	20 175	1E 11,	736	1/17/02	5/9/02	GAS	PERFORATE	11310-11330			7 2 5		440 70	00					4,535	5 2,175						11,736	1,050				
REN OIL CO COM	21	19 17S	1E 12,	299	3/27/65	6/17/65	TA	PERFORATE	6944-6996 & 11142-11218		11500			369 30	00	pr				3,210	600				12,275	575				50		
						1/17/81		SQUEEZE & PERFORATE	5768-5770 & 5050 5052							-					1										1 2	1
						1/17/81		SQUEEZE CASING LEAKS	8170-8385								1															
						1/31/01		TA			11980	1/31/2001																				
- 1 -3 1 -1 -						2/20/03		RE-ENTER, TA			8570	2/20/2003						70													LI CONTRACTOR	
FRIESS	3	30 17S	1E 2.0	033	2/6/47	4/21/47	P&A	OPEN HOLE	1954-2033	40												435	50				1,954	100				
						6/7/56		P&A			343		6/7/1956		3																100	
TUDNED P	75	20 175	1E 0.0	200	11/6/60	1/10/61	DPV	D& Δ	-				1/10/1961									1.608	650									0

### Catanach, David

From:

Jason Wacker [Jason.Wacker@meritenergy.com]

Sent:

Thursday, December 18, 2003 9:14 AM

To:

dcatanach@state.nm.us

Subject:

Action Plan for NMOCD Injection Permit Exception Wells.xls



Action Plan for NMOCD Injectio...

David,

The CBL that Merit ran last week on the Fren Oil Co. #2 showed that the well's TOC is at 1980'. This well will remain on the exception list for the Grayburg Jackson waterflood expansion. We plan to circulate cement across the Seven Rivers in this well. I have revised our action plan for the exception wells to reflect this new information. The Max Friess #2 is the only well that needs to come off the list. Thanks for your help! Please call when you get a chance. Friday is my last day in the office this year.

(See attached file: Action Plan for NMOCD Injection Permit Exception Wells.xls)

Jason Wacker Merit Energy Company 13727 Noel Road, Suite 500 Dallas, Texas 75240

Phone: 972-628-1579 Fax: 972-701-0351

Action Plan for NMOCD Injection Permit Exception Wells.xls

### **Action Plan for NMOCD Injection Permit Exception Wells.xls**

Well Name	API	Operator	TOC	TOC Determined By	Proposed Action
		-	1		Warren Hanson is checking his files for a Temperature Survey or CBL to verify his well's
					TOC. He is willing to work with Merit to circulate cement across the Seven Rivers
Cedar Lake #3Y	3001505477	Hanson Energy	2038'	Unknown	formation in the Cedar Lake #3Y as required.
					Production casing was cemented from 450' to surface in late 1999. Propose to perforate
					casing at 1885' and circulate/squeeze cement across the upper portion of the Seven
Fren Oil Co. #12	3001505260	Merit Energy Company	1894'	CBL	Rivers formation as required.
4					Well has 7" casing cement top at 1980'. 4-1/2" and 7" casing annulus was circulated to
					surface. Propose to perforate both casing strings at 1975', establish an injection rate, and
<b>1</b> , <b>5</b>					attempt to circulate cement behind 7" casing across the Seven Rivers formation as
Fren Oil Co. #13	3001505261	Merit Energy Company	1980'	Calculated	required.
					Well is currently TA'd. Propose to circulate cement across Seven Rivers formation, above
					7" casing shoe at 1821', as required and recomplete the well to the Seven Rivers
Fren Oil Co. #2	3001505250	Merit Energy Company	1980'	CBL	formation.
					Braidenhead of this well was squeezed in 1994. Propose to set CIBP at 2900', run CBL
					from 2850' to surface, perforate casing as needed, establish an injection rate,
					circulate/squeeze cement across Seven Rivers formation above 7" casing shoe at 1802'
Fren Oil Co. #3	3001505251	Merit Energy Company	1980'	Calculated	as required, and apply for TA status.
Y .					Merit has submited documentation to the NMOCD that shows that the Seven Rivers
Max Friess #2	3001505469	Merit Energy Company	2375'	Temp Survey	interval in this well was squeezed during previous well work.
1 × · · · · · · · · · · · · · · · · · ·					Well has 7" casing cement top at 2096'. 4-1/2" and 7" casing annulus was circulated to
					surface. Propose to perforate both casing strings at 2095' and attempt to circulate
Max Friess #4	3001505471	Merit Energy Company	2096'	CBL	cement behind 7" casing, across the Seven Rivers formation as required.
					Well has 7" casing cement top at 1800'. 4-1/2" and 7" casing annulus was circulated to
			1		surface. Propose to perforate both casing strings at 1775' and attempt to circulate
Turner A #36	3001520098	Merit Energy Company	1800'	Temp Survey	cement behind 7" casing, across the Seven Rivers formation as required.
					Propose to perforate casing at 2200', establish circulation to surface, and circulate
Turner B #44	3001505311	Merit Energy Company	2550'	CBL	cement across Seven Rivers formation as required.
					Propose to perforate casing at 2200', establish circulation to surface, and circulate
Turner B #50	3001505437	Merit Energy Company	2275'	CBL	cement across Seven Rivers formation as required.

DEC 1 0 2003

### OIL CONSERVATION DIVISION **MERIT ENERGY COMPANY** WELLBORE SCHEMATIC WELL NAME: MAX FRIESS #2 FIELD: GRAYBURG-JACKSON STATE: NM LOCATION: 660'FNL & 660'FEL, SEC 30-T17S-R31E COUNTY: EDDY ELEVATION: GL=3599'; KB=UNK SPUD DATE: 04/26/57 COMP DATE: 06/13/57 PREPARED BY: HJ WACKER DATE: 12/4/2003 API#: 30-015-05469 **GRADE** THREAD HOLE SIZE DEPTH SIZE WEIGHT CASING 0' - 582' 10 3/4" 28.52# CASING: 0' - 3300' 20# J-55 CASING: 0' - 2804' 2 3/8" 4.7# J-55 EUE 8rd TUBING: TUBING: PROPOSED CURRENT OPERATOR: MERIT ENERGY COMPANY 10 3/4" CASING @ 582' W/100 SXS. TOC @ 230'(calculated) **DETAIL OF PERFORATIONS** U.GRAYBURG: 2873', 75', 82', 84', 2902', 04', 12', 14' LOCO HILLS: 2963', 65' METEX: 3017', 19', 32', 39', 44', 56' L.GRAYBURG: 3098'-3107'(4 SPF) PREMIER: 3122'-3128'(4 SPF), 3156', 78', 80', 91', 92', 99', 3200', 04', 08', 10', 12' VACUUM: 3264'-3276'(4 SPF) PERFORATE & SQUEEZE @ 1800' W/125 SXS PERFORATIONS: 1985'- 2035' (OA) SQUEEZED OFF W/175 SXS PERFORATE & SQUEEZE @ 2150' W/125 SXS SEAT NIPPLE @ 2804' BAKER J-LOK PACKER @ 2805' PERFORATIONS: 2873'- 3276' (OA) - 135 HOLES PBTD @ 3286' 7" CASING @ 3300' W/100 SXS. TOC @ 2375'(TEMP SURVEY) TD @ 3300'

Form 3160-3 (November 1983) (formerly 9-331C)

## Drawer DD

SUBMIT IN . ?LICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

January 9-3010,	DEPARTMENT OF THE INTERIOR
	BUREAU OF LAND MANAGEMENT
APPLICATION	Y FOR PERMIT TO DRILL DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.

	BUREAU	OF LAND MANAG	EMENI	_			T.C. 065014	
APPLICATION	Y FOR PERM	IT TO DRILL, D	DEEPEN,	OR P	LUG BA	<b>NCK</b>	6. IF INDIAN, ALLOTTER	OR TRIBE NAME
1a. TYPE OF WORK	LL []	DEEPEN [			JG BACK		7. UNIT AGREEMENT NA	MB.
2. NAME OF OPERATOR ADDIVISION OF STATE PROPERATOR P.O. Box 10 4. LOCATION OF WELL (RAT MUTTAGE 660 1	610, Midland eport location clearly	Gas Company ichfield Compan , Texas 79702 rand in accordance with		JAN requirement O.	7 1986 C. D.		8. FARM OR LEASE NAM MAX Fries: 9. WELL NO. 2 10. FIELD AND POOL, OF Fren Seven R: 11. SEC., T., R., M., OR 8 AND SURVEY OR ARE	s MA  wildcar  ivers
At proposed prod. son				7.1.1.5			30-17S-31E	
API# 30-015-0		miles East from		Hille			12. COUNTY OR PARISH Eddy	13. STATE NM
15. DISTANCE FROM PROPE LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig 18. DISTANCE FROM PROP	DEED* INE, FT. LUBE, LET	660	16. No. OF	ACRES IN		то тн	F ACRES ASSIGNED IS WELL 40	1811
TO NEAREST WELL, DO OR APPLIED FOR, ON THE	RILLING, COMPLETED,	NA		2000				
21. ELEVATIONS (Show who	ther DF, RT, GR, et	2.)					22. APPROX. DATE WOR	E WILL START
	measurement	s are from gro	ound lev	vel			ASAP	
23.		PROPOSED CASIN	G AND CE	MENTING	PROGRAM	•		
SIZE OF HOLE	RIZE OF CARING	WEIGHT PER PO	от	SETTING DI	EPTH		QUANTITY OF CEMEN	r

582

3300

Propose to plugback from the Grayburg-Jackson to the Fren-Seven Rivers

28.52

20

- Set CIBP @ 3050' w/35' cmt on top. (Grayburg Jackson perfs 3098-3276).
- Perf @ sqz as necessary to bring TOC above 1800'.
- Perf Fren-Seven Rivers w/l JSPF f/1985-2035 (21 holes).
- Acdz w/2000 gals.

10 - 3/4

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed les to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 915-684-0312 Engr. Tech. Spec.

(This space for Federal or State office use)

PERMIT NO. APPROVED BY CONDITIONS OF APPROVAL, IF ANY :

DATE 1-6-86

100 sx TOC 400' Calc

100 sx.TOC 2375' TS

Form 3160-5 (November 1983)	LE TED STATES	SUBMIT IN THE ICAT		No. 1004-0135
(Formerly 9–331) DEPART	IM TED STATES M. TOF THE INTE AU OF LAND MANA PEME	EN ORNE ise Gram ISSIUN	5. LEASE DESIGNATION LC 0650	AND SERIAL NO.
	Artes		6. IF INDIAN, ALCOTTES	
(Do not use this form for prop Use "APPLIC	TICES AND REPORTS or all or to deepen or plu cation for permit—" for such	g back to a Whitetest reservoir.		
OIL GAS OTHER		A Representation	7. UNIT AGREEMENT NA	
ARCO Oil and Gas (	Company	FER STANDS	8. FARM OR LEASE NAM	2
3. ADDRESS OF OPERATOR	Company v		9. Wall #0.	ss MA
	lland, Texas 79702 🕄		2	
4. LOCATION OF WELL (Report location See also space 17 below.) At surface	<u> </u>	by State requirements.* UK	10. FIELD AND POOL, OR	
660 FNL4 66	O FEL (Unit A)	RECEIVED BY	Fren Seven R  11. SEC., T., E., M., OS B  SURVEY OR AREA	
.•	į	FEB 1 0 1986	30-17S-31E	
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISE	
API#30-015-05469	3599 GR	O. C. D.	Eddy	NM
16. Check A	ppropriate Box To Indicale	ARTESIA, OFFICE	Other Data	
NOTICE OF INTE	NTION TO:	5088	QUENT EMPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON*	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING CA	[]
REPAIR WELL	CHANGE PLANS	(Other) Recomplet	e to Fren Seven !	Riv X
(Other)		(Nots: Report result Completion or Recount Completion Completion or Recount Completion C	ts of multiple completion of appletion Report and Log for	n Well m.)
17. DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is direct nent to this work.) •				
Ran p surf.	pipe rec log f/2410- Ind pipe in good		n vertilog f/300	5-
3 BPN dwin su Ran 1	1 @ 1800#. Pmpd 65 orf. Set CR @ 2094. TS ind TOC @ 2030'.	t FBRC @ 2094'. Pres bbl - could not bring Cmtd w/125 sx "H". Perf'd 7" csg @ 1800	to surf. Pmpd Standing press	15 bbl 1800#.
	50. Cmtd w/125'sx " nt & CR f/1745-1815.			
1-16-86: Press 96,97	s test to 600#. CO 7, 98, 99, 2000, 201	to TOC @ 2080. Perf 2 - 2022, 33, 34, 35 load. RIH w/tbg, rod	(21 holes). Acd	
		uction O BO, 4 BW Per		
1-30-86: Shut	in pndg eval.	ACCEPTED FO	OR RECORD /	2st # D-
		Au		2-14-80 PYH Gr
		FEB 7	1986	T + #7 - O-F.
		CARLSBAD, NE	eve MEXICO	
18. I hereby certify that the foregoing i	s true and correct	915-684-0312	0 /	0.0
SIGNED Ken GW Sos	TITLE	Engr. Tech. Spc.	DATE	03
(This space for Federal or State off	ce use)			
APPROVED BY			DATE	

Form 3169-5 (July 1989) (Formerly 9-331)	UN ED DEPARTMENT OF	THE INTERIOR	CONTACT RECEIVING OFFICE FOR NU OF COPIES ROOL D (Other instructions on reverse side)	MM Rosvell District Modified Form No. N-1050-3160-4  D. LEASE DESIGNATION AND SERIAL NO. LC 065014
(Do not use this i	BUREAU OF LAN  ORY NOTICES AN  OFF PROPOSALS TO DESCRIPTION FOR P  Use "APPLICATION FOR P	D REPORTS ON to deepen or plug back to EBMIT—" lor auch ground	WELLS o a different reservoir.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL WELL GAR WELL	OTHER	6		7. UNIT AGRESHBNY NAME
2. NAME OF OPERATOR  SOCOTTO PE 3. ADDRESS OF OPERATOR	troleum Compan	FA Me	31. Arm Colle & Florie No. 5085/67/-2360	Max Friess, M.A.  9. Well No.
P.O. Box 3  4. Incation of Well (Re See also space 17 belo At surface	8, Loco Hills, port location clearly and in w.)	NM 88255 accordance with any State	require 17'90	2 10. FIRLD AND POOL, OR WILDCAT Fren Seven Rivers
660'	FNL 8 660' F	EL (Unit A)	O. C. D. ARTESIA, OFFICE	11. 89C., T., S., M., OR BUX. AND BURYBY OB ARMA 30-175-31E
14. PERMIT NO. API# 30-015-0	1	ONS (Show whether pr. AT, o	R, etc.)	12. COUNTY OR PARISH 18. STATE Eddy NM
16.	Check Appropriate E	lox To Indicate Natur	e of Notice, Report, or O	ther Data
н	OTICE OF INTENTION TO:			BHT REFORT OF:
This well 1985-2035 It is prop	ANANDON*  XX CHANGE PLANT  Out  COMPLETED OPERATIONS (Clean well is directionally drilled,  is presently of  (21 holes). A	onpleted in terms out 35' cmt.	Completion or Recompletion or Recompletion or Recompletion or Recompletion of	abandonment*  of multiple completion on Well tion Report and Log form.)  including estimated date of starting and depths for all markers and sonce pertitions and the starting and sonce pertitions and sonce pertitions.
will deper	d on test resu	lts.	burg-Jackson pe	
18. I hereby certify that t	he foreging is the and cor	<b>A</b> .	We -	Andrew St.
SIGNED Sen	Moule	/	nager	DATE 9/24/90
(This space for Feders  APPROVED BY  CONDITIONS OF APP		TITLE		DATE

Form 3160-5 (July 1989) (Formarly 9-331)	DEPARTMEN	ED STATES F OF THE INTER LAND MANAGEMEN		FLM Rommil District Modified Form No. 45 ND60-3160-4 5. LEASE DESIGNATION AND EDETAL NO. LC-065014
(I)o not use thi	NDRY NOTICES	AND REPORTS drill or to deepen or plug POR PERMIT—" for such	ON WELLS	C. IF INDIAH, ALLOTTES OR TRIBE FAME
OIL GAR WELL 2, HAME OF OPERATOR	OTESN		C.E. Ja. Area Code & Phone	
ADDRESS OF OFSEATO	etroleum Com • 38, Loco Hil		505/677-2360 RECEIVED	Max Friess, M.A.  8. Wall No. 2
1. LOCATION OF WELL ( See also space IT be At surface	Report location clearly	and in accordance with an	Blate requirements.*	Fren Seven Rivers
660' FNL	S 660' FEL (	Unit A)	DEC 5'90	11. SEC., X., R., M., OR BLE. AND SURVEY OR AREA
14. PERMIT NO.  API# 30-0		ELEVATIONS (Show whether t	ATCCIA OFFICE	30-175-31E 12. COUPTY OR PARISH 18. STATE Eddy NM
16.	• •		Nature of Notice, Report, o	r Other Data
TEST WATER SHUT- PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL LOTHER)	MARADO	R ALTER CARINO	WATER RHUT-UPP  FRACTI'EB TREATMENT  RHOUTING OR ACIDISING  (Other)	abandonmant appear of:  ALTSRING CASING ABANDONMANT*  with of multiple completion on Well supjettion Report and Log form.)
Hent to this work.	RUPU & reve	rse rig. RIH	w/ 6-1/4"bit & 0	
11/08/90	Orld. CIBP	8 cmt. to 210	o'.	
11/10/90	& washed do	wn to 3276'.	3046'-3056'. Or Seven Rivers per n Andres perfs 30	fs 1985'-2035'
11/11/90	POH w/tbg, 2" x 1-1/2" well on & A	' x 12' pump,	n SN & 100 jts. 2 44 5/8" rods & 80	1-3/8" tbg. Ran 1 3/4" rods. Hung
			Acr	
				1 - 2 3 w 13
BIGNED OF	The foresigns in true  N. T. TONLA	and correct	Manager	11/16/90 DATE
APPROVED BY	eral or State office use)	TITLE		DATE

Form 3160-5 (June 1990)

### UNI > STATES DEPARTMENT OF THE INTERIOR N.M. Oil Cons. Division BUREAU OF LAND MANAGEMENT 811 S. 1st Street

FORM APPROVED

Budget Bureau No. 1004-0135

Do not use this form for proposals to drill a	AND REPORTS ON WELLS Artesia, NM 88210- or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals	283 Lease Designation and Serial No.  LC-065014  6. If Indian, Allottee or Tribe Name
SUBMIT	IN TRIPLICATE	
1. Type of Well  Gas Well  Gas Other	NOV - 6 1935	7. If Unit or CA, Agreement Designation
2. Name of Operator DEVON ENERGY CORPORATION (NEVA	DAI AVOWOIL COUR DIE.	8. Well Name and No.  Max Friess #2
3. Address and Telephone No. 20 NORTH BROADWAY, SUITE 1500, OK	LAHOMA CITY, OKLAHOMA 73102 (405) 235-3511	9. API Well No. 30-015-05469
4. Location of Well (Footage, Sec., T., R., M., or Survey De 660' FNL & 660' FEL of Section 30-T17S-F		- 10. Field and Pool, or Exploratory Area Grayburg-Jackson Field 11. County or Parish, State Eddy County, NM
CHECK APPROPRIATE BOX(s	) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent  Subsequent Report	Abandonment Recompletion Plugging Back Casing Repair	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off
Final Abandonment Notice	Altering Casing Other	Conversion to Injection  Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
<ol> <li>Describe Proposed or Completed Operations (Clearly state all perforations and measured and true vertical depths for all marker</li> <li>To be converted to a water injection we</li> <li>Squeeze off perforations 1985'- 203's</li> <li>Selectively perforate the interval 275</li> <li>RIH with Baker Lock-Set packer on</li> <li>Inject through perforations 2750'- 32</li> </ol>	ell as follows: 5'(OA). Clean out wellbore to TD. 0'- 3282' (OA). 2 3/8"(IPC) tubing and set at 2700'.	sposed work. If well is directionally drilled, give subsurf
14. I hereby certify that the foregoing is true and correct Signed Addu Hattlew	Charles H. Carleton  Title Sr. Engineering Tech.	Date 10/16/96
(This space for Federal or State strice use)  Approved b(ORIG. SGD.) ALEXIS C. SWOBOD  Conditions of approval, if any:		í

Form 3160-5 (June 1990)

# UN ED STATES DEPARTMENT OF THE INTERIOR BUREALLOF LAND MANAGEMENT

### Ohe RATOR'S CO.

BUREAU OF LAND MANAGEMENT FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. LC-065014 Use "APPLICATION FOR PERMIT—" for such proposals 6. If Indian, Allottee or Tribe Name SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation 1. Type of Well Oil Well ☐ Well Other WIW 8. Well Name and No. 2. Name of Operator **DEVON ENERGY CORPORATION (NEVADA)** Max Friess #2 3. Address and Telephone No. 9. API Well No. 20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405)552-4527 30-015-05469 10. Field and Pool, or Exploratory Area 1. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 660' FEL, Sec. 30-17S-31E Grayburg Jackson 11. County or Parish, State Eddy County, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ☐ Change of Plans Notice of Intent Abandonment Recompletion **New Construction** Plugging Back Non-Routine Fracturing Subsequent Report Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Dispose Water Other ____ (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) The following work was done to convert to WIW: 2/17/97 - POOH & LD rods, pump & tbg. 2/18/97 - RIH w/bit & scraper, POOH. 2/19/97 - Tested casing, OK. Spotted 20' sand on top of RBP. 2/20/97 - Set cement retainer @ 1899'. Squeezed Seven Rivers perfs 1985'-2035' w/175 sx Class "C" cement. 2/22/97 to 2/24/97 - Drld cmt 1890'-2050'. Tested csg to 300 psi, OK. RIH w/bit & scraper, POH. 2/26/97 - Acidized perfs 3098'-3276' w/3000 gals 15% HCl acid. + 4000# rock salt. Flowed back 75 bbls load. 2/27/97 - Swabbed. Perf'd 2873', 75', 82', 84', 2902', 04', 12', 14', 63', 65', 3017', 19', 32', 39', 44', 56', 3156', 78', & 80'; total 19 - .49" holes. 2/28/97 - Acidized perfs 2873'-3056' w/1925 gals 15% HCl acid. 3/1/97 - RIH w/7" J-Lok pkr, nickel plated SN & 88 jts of 2 3/8" IPC tbg. Set pkr @ 2809'. Tested to 340 psi for 15 min, held OK. 4/13/97 - Began injecting. 14. I hereby certify that the foregoing is true and correct KAREN BYERS Title ENGINEERING TECHNICIAN Date 04/14/97 Approved by Title Date Conditions of approval, if any:

Fitle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to

o any matter within its jurisdiction.

Al II = 0 lost

ny false, fictitious or fraudulent statements or representatio

### Catanach, David

From:

Jason Wacker [Jason.Wacker@meritenergy.com]

Sent:

Friday, December 05, 2003 12:26 PM

To:

dcatanach@state.nm.us

Subject:

Action Plan for NMOCD Injection Permit Exception Wells



Action Plan for NMOCD Injectio...

David,

Here is Merit's tentative action plan for the wells within the AOR for our injection permit application that do not have cement across the Seven Rivers formation. Please make any comments as to changes you would like us to make in the action plan. I hope to have all of the information you need to approve the permit by next Wednesday. We're still waiting on the results of the CBL on the Fren Oil Co. #2. More data to follow. Thanks!

(See attached file: Action Plan for NMOCD Injection Permit Exception Wells.xls)

Jason Wacker Merit Energy Company 13727 Noel Road, Suite 500 Dallas, Texas 75240

Phone: 972-628-1579 Fax: 972-701-0351

Action Plan for NMOCD Injection Permit Exception Wells.xls

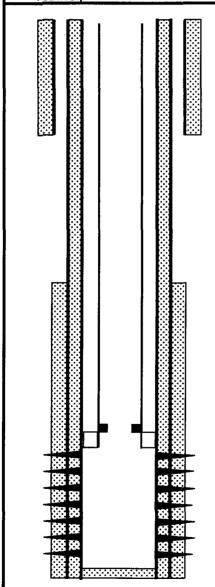
### Action Plan for NMOCD Injection Permit Exception Wells.xls

Well Name	API	Operator	TOC	TOC Determined By	Proposed Action
					Warren Hanson is checking his files for a Temperature Survey or CBL to verify his well's
					TOC. He is willing to work with Merit to circulate cement across the Seven Rivers
Cedar Lake #3Y	3001505477	Hanson Energy	2038'	Unknown	formation in the Cedar Lake #3Y as required.
					Production casing was cemented from 450' to surface in late 1999. Propose to perforate
	A A A A A A A A A A A A A A A A A A A				casing at 1885' and circulate/squeeze cement across the upper portion of the Seven
Fren Oil Co. #12	3001505260	Merit Energy Company	1894'	CBL	Rivers formation as required.
					Well has 7" casing cement top at 1980'. 4-1/2" and 7" casing annulus was circulated to
					surface. Propose to perforate both casing strings at 1975', establish an injection rate, and
		_			attempt to circulate cement behind 7" casing across the Seven Rivers formation as
Fren Oil Co. #13	3001505261	Merit Energy Company	1980'	Calculated	required.
					Well is currently TA'd. Propose to run CBL from 2950' to surface, circulate cement across
<u> </u>					Seven Rivers formation above 7" casing shoe at 1821' as required, and recomplete the
Fren Oil Co. #2	3001505250	Merit Energy Company	2030	Calculated	well to the Seven Rivers formation. CBL will be run on Friday 12/5/2003.
11011 011 00. #2	0001000200	Work Energy Company	2000	Carcaratou	Braidenhead of this well was squeezed in 1994. Propose to set CIBP at 2900', run CBL
					from 2850' to surface, perforate casing as needed, establish an injection rate,
					circulate/squeeze cement across Seven Rivers formation above 7" casing shoe at 1802'
Fren Oil Co. #3	3001505251	Merit Energy Company	1980'	Calculated	as required, and apply for TA status.
					Submit documentation to NMOCD that shows that the Seven Rivers interval in this well
Max Friess #2	3001505469	Merit Energy Company	2375'	Temp Survey	was squeezed during previous well work.
					Well has 7" casing cement top at 2096'. 4-1/2" and 7" casing annulus was circulated to
					surface. Propose to perforate both casing strings at 2095' and attempt to circulate
Max Friess #4	3001505471	Merit Energy Company	2096'	CBL	cement behind 7" casing, across the Seven Rivers formation as required.
					Well has 7" casing cement top at 1800'. 4-1/2" and 7" casing annulus was circulated to
					surface. Propose to perforate both casing strings at 1775' and attempt to circulate
Turner A #36	3001520098	Merit Energy Company	1800'	Temp Survey	cement behind 7" casing, across the Seven Rivers formation as required.
					Propose to perforate casing at 2200', establish circulation to surface, and circulate
Turner B #44	3001505311	Merit Energy Company	2550'	CBL	cement across Seven Rivers formation as required.
					Propose to perforate casing at 2200', establish circulation to surface, and circulate
Turner B #50	3001505437	Merit Energy Company	2275'	CBL	cement across Seven Rivers formation as required.

Jason Wacker

# MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME: TO	JRNER "A" #36		FIELD: GRAYBURG-JACKSON				
LOCATION: 180	0' FNL & 1980' FEL, SEC	19-T17S-R31E	COUNTY: EDDY			STATE: NM	
ELEVATION: GL	.=3620' ; KB=3630'	SPUD DATE: 1	11/18/67	COMP DATE:	COMP DATE: 12/10/67		
API#: 30-015-20098 PREPARED BY:			HJ WACKER [		DATE:	12/4/2003	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE	
CASING:	0' - 605'	9 5/8*	32.3#	H-40		12 1/4"	
CASING:	0' - 3450'	7*	20,23,26#	J-55		8 3/4"	
CASING:	0' - 3450'	4 1/2"	11.6#	J-55	LT&C		
TUBING:	0' - 2637'	2 3/8"	4.7#	J-55	EUE 8rd		
TUBING:							



CURRENT

PROPOSED

**OPERATOR: MERIT ENERGY COMPANY** 

9 5/8" CASING @ 605' W/350 SXS. TOC @ SURFACE

### **DETAIL OF PERFORATIONS**

U.GRAYBURG: 2713', 19', 23', 40', 44', 50', 54'

M.GRAYBURG: 2768' LOCO HILLS: 2806', 09'

METEX: 2847', 51', 55', 69', 79'

L.GRAYBURG: 2917', 37', 39', 41'

**PREMIER:** 2973', 77', 79', 86', 88', 97', 3000', 02', 18', 21', 37', 39', 43'

**VACUUM:** 3045', 86', 95', 3125', 28', 49', 54' **LOVINGTON:** 3163', 68', 72', 85', 87', 3205'

**U.JACKSON: 3211'** 

M.JACKSON: 3334', 43', 53', 81', 85', 89', 3405', 09', 11', 13', 15', 17'

SEAT NIPPLE @ 2637'
BAKER AD-1 PACKER @ 2638'

PERFORATIONS: 2713'-3417'(OA) - 58 HOLES

PBTD @ 3448'

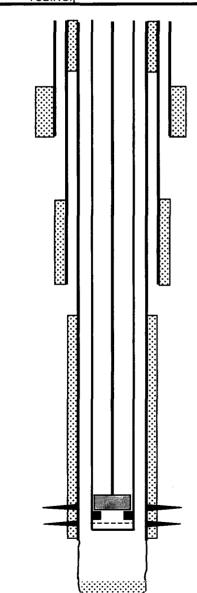
7" CASING @ 3450' W/450 SXS. TOC @ 1800' (Temp Survey)

4 1/2" CASING @ 3450' W/400 SXS. TOC @ SURFACE.

TD @ 3450'

# MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME: FRE	FIELD: GRAYBURG-JACKSON					
LOCATION: 1980' I	COUNTY: EDDY			STATE: NM		
ELEVATION: GL=3	SPUD DATE: 0	03/12/44	COMP DATE: 04/15/44			
API#: 30-015-0525	BY:	HJ WACKER DATE:			12/4/2003	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 482'	8 5/8*	24#			
CASING:	0' - 1802'	7"	20#			
CASING:	0' - 3074'	5 1/2"	15.5#	J-55		
TUBING:	0' - 3030'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT

PROPOSED

**OPERATOR: MERIT ENERGY COMPANY** 

**BRAIDENHEAD SQUEEZED IN 1994** 

8 5/8" CASING @ 482' W/50 SXS. TOC @ 350' (calculated)

7" CASING @ 1802' W/100 SXS. TOC @ 870' (calculated)

### **DETAIL OF PERFORATIONS**

2958', 60', 82', 83', 84', 3026', 28', 30', 42', 44'

PERFORATIONS: 2958'- 3044' (OA) - 10 HOLES

SEAT NIPPLE @ 2995'

5 1/2" CASING @ 3074' W/80 SXS. TOC @ 1980' (calculated)

4 3/4" OPEN HOLE: 3074'- 3100'

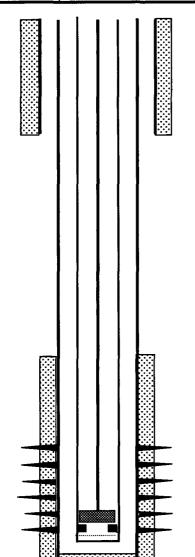
PBTD @ 3100'(PEA GRAVEL & HYDROMITE)

TD @ 3134'

### **MERIT ENERGY COMPANY** WELLBORE SCHEMATIC WELL NAME: MAX FRIESS #2 FIELD: GRAYBURG-JACKSON LOCATION: 660'FNL & 660'FEL, SEC 30-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3599'; KB=UNK SPUD DATE: 04/26/57 COMP DATE: 06/13/57 HJ WACKER API#: 30-015-05469 PREPARED BY: DATE: 12/4/2003 DEPTH SIZE WEIGHT **GRADE** THREAD **HOLE SIZE** CASING: 0' - 582' 10 3/4" 28.52# CASING: 0' - 3300' 7" 20# J-55 CASING TUBING: 0' - 2804' 2 3/8" 4.7# J-55 EUE 8rd **TUBING:** CURRENT PROPOSED **OPERATOR: MERIT ENERGY COMPANY** 10 3/4" CASING @ 582' W/100 SXS. TOC @ 230'(calculated) **DETAIL OF PERFORATIONS** U.GRAYBURG: 2873', 75', 82', 84', 2902', 04', 12', 14' LOCO HILLS: 2963', 65' METEX: 3017', 19', 32', 39', 44', 56' **L.GRAYBURG:** 3098'-3107'(4 SPF) PREMIER: 3122'-3128'(4 SPF), 3156', 78', 80', 91', 92', 99', 3200', 04', 08', 10', 12' VACUUM: 3264'-3276'(4 SPF) PERFORATE & SQUEEZE @ 1800' W/125 SXS PERFORATIONS: 1985'- 2035' (OA) SQUEEZED OFF W/175 SXS PERFORATE & SQUEEZE @ 2150' W/125 SXS SEAT NIPPLE @ 2804' BAKER J-LOK PACKER @ 2805' PERFORATIONS: 2873'- 3276' (OA) - 135 HOLES PBTD @ 3286' 7" CASING @ 3300' W/100 SXS. TOC @ 2375'(TEMP SURVEY) TD @ 3300'

# MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME: CEDAR LAKE 3Y				FIELD: GRAYBURG JACKSON				
LOCATION: 30-17S-31E 751' FWL & 330' FNL				COUNTY: EDD	STATE: NM			
ELEVATION: 3611 G.L.			SPUD DATE:	6/14/1958	COMP DATE:	7/25/1958		
API#: 30-015-05477 PREPARED BY: D. TOMLEY				DATE: 12/2/03				
	DEPTH		SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE	
CASING:	518		10 3/4"	32.75#			12 1/2"	
CASING:	3423		7"	20# & 23#			8 5/8"	
CASING:								
TUBING:	3380		2 3/8"					
TUBING:								



**OPERATOR: WARREN HANSON DBA HANSON ENERGY** 

7" CASING @ 518' W/360 SXS. TOC @ SURFACE.

### DETAIL OF PERFORATIONS

**GRAYBURG PERFORATIONS** 

2835' - 2844'

3124' - 3129'

3166' - 3173'

3180' - 3183'

3187' - 3191'

3196' - 3200' 3206' - 3213'

200 - 3213

3223' - 3225' 3231' - 3238'

3244' - 3256

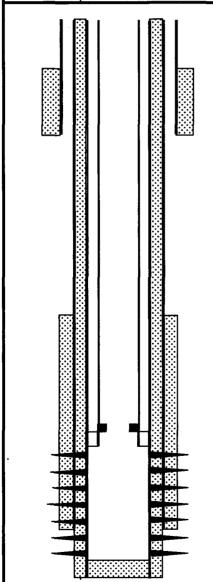
**ALL 4 SHOTS PER FOOT** 

7" CASING @ 3423' W/150 SXS. TOC @ 2038' PUMP & PLUG METHOD, PLUG SPOTTED @ 3383' TD @ 3423'

### **MERIT ENERGY COMPANY** WELLBORE SCHEMATIC WELL NAME: FREN OIL COMPANY #2 FIELD: GRAYBURG-JACKSON LOCATION: 660'FSL & 1980'FWL, SEC 19-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3581'; KB=UNK SPUD DATE: 10/02/43 COMP DATE: 11/29/43 API#: 30-015-05250 PREPARED BY: HJ WACKER DATE: 12/4/2003 DEPTH SIZE WEIGHT **GRADE THREAD HOLE SIZE** CASING: 0' - 460' 8 5/8" 24# CASING: 0' - 1821' 7" 20# CASING: 0' - 3065' 5 1/2" 15.5# J-55 TUBING: TUBING: CURRENT PROPOSED **OPERATOR: MERIT ENERGY COMPANY** 8 5/8" CASING @ 460' W/50 SXS. TOC @ 330'(calculated) 7" CASING @ 1821' W/100 SXS. TOC @ 890'(calculated) CIBP @ 3010' & CAPPED WITH 20' CEMENT 5 1/2" CASING @ 3065' W/75 SXS. TOC @ 2030'(calculated) 4 3/4" OPEN HOLE: 3065'- 3181' TD @ 3181'

# MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME: MAX	4		FIELD: GRAYBURG-JACKSON				
LOCATION: 1980' FNL & 660' FEL, SEC 30-T17S-R31E				COUNTY: EDDY			STATE: NM
ELEVATION: GL=3616'; KB=UNK				SPUD DATE:	08/26/57	COMP DATE: 10/06/57	
API#: 30-015-05471 PREPARED B			BY:	HJ WACKER		DATE:	12/4/2003
	DEPTH		SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 614'		10 3/4"	32.75#			
CASING:	0' - 3396'		7"	20#			
CASING:	0' - 3602'		4 1/2"	11.6#	J-55	LT&C	6 1/4"
TUBING:	BING: 0' - 2839'		2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:							



CURRENT

PROPOSED

**OPERATOR: MERIT ENERGY COMPANY** 

10 3/4" CASING @ 614' W/100 SXS. TOC @ 260' (calculated)

### **DETAIL OF PERFORATIONS**

**GRAYBURG: 2910', 12'** 

U.GRAYBURG: 2953', 61', 63', 81', 88', 90', 92'

LOCO HILLS: 3048', 50', 59', 61'

METEX: 3097', 3102', 08', 10', 12'

L.GRAYBURG: 3177', 89'

PREMIER: 3216', 18', 26', 30', 34', 38', 42'
VACUUM: 3366', 69', 72', 3400', 03'
LOVINGTON: 3460', 63', 66', 70', 74', 88', 90'
U.JACKSON: 3502', 21', 28', 39', 52', 56', 62'

SEAT NIPPLE @ 2839'

BAKER AD-1 PACKER @ 2840'

PERFORATIONS: 2910'- 3562' (OA) - 46 HOLES

7" CASING @ 3396' W/100 SXS. TOC @ 2096' (CBL)

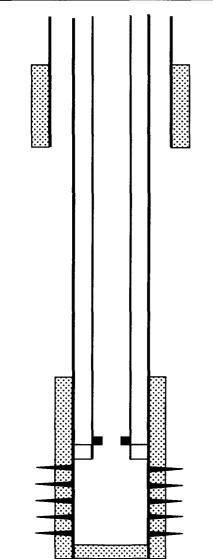
PBTD @ 3564'

4 1/2" CASING @ 3602' W/350 SXS. TOC @ SURFACE.

TD @ 3602'

# MERIT ENERGY COMPANY WELLBORE SCHEMATIC

WELL NAME: TURNER "B" #50				FIELD: GRAYBURG JACKSON				
LOCATION: 660' FNL & 660' FWL, SEC 29-T17S-R31E				COUNTY: EDDY COUNTY			STATE: NM	
ELEVATION: GL=3626'; KB=UNK				SPUD DATE:	10/06/57	COMP DATE:	COMP DATE: 11/25/57	
API#: 30-015-05437 PREPARED BY:			HJ WACKER DATE:			12/4/2003		
	DEPTH		SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE	
CASING:	0' - 598'		10 3/4"	32.75#	H-40			
CASING:	0' - 3374'		7"	20,23#	J-55			
CASING:	CASING:							
TUBING:	0' - 2866'		2 3/8"	4.7#	J-55	EUE 8rd		
TUBING:								



CURRENT

☐ PROPOSED

OPERATOR: MERIT ENERGY COMPANY

10 3/4" CASING @ 598' W/100 SXS. TOC @ 250' (calculated)

#### **DETAIL OF PERFORATIONS**

U. GRAYBURG: 2914', 16', 18', 46', 48', 50'

M.GRAYBURG: 2963', 78', 89' LOCO HILLS: 3007', 09', 13', 44' METEX: 3065', 83', 84', 85'

L.GRAYBURG: 3154', 56', 3172'-75' (1 SPF)

PREMIER: 3180'-90' (1 SPF), 3208'-24' (4 SPF), 3268'-78' (1 SPF)

3280'-85' (1 SPF)

VACUUM: 3306'-10' (8 SPF), 3314'-20' (8 SPF)

SEAT NIPPLE @ 2866'

BAKER AD-1 PACKER @ 2867'

PERFORATIONS: 2914'- 3320' (OA) - 191 HOLES

PBTD @ 3340'

7" CASING @ 3374' W/100 SXS. TOC @ 2275' (CBL)

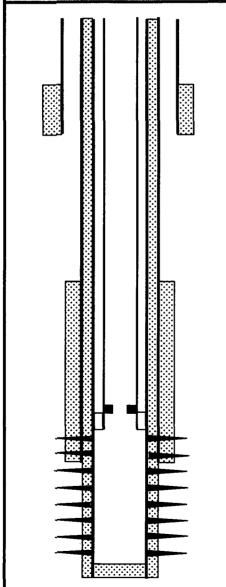
TD @ 3375'

### **MERIT ENERGY COMPANY** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #44 FIELD: GRAYBURG-JACKSON LOCATION: 660' FSL & 2055' FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3684'; KB=UNK SPUD DATE: 10/30/55 COMP DATE: 11/21/55 API#: 30-015-05311 PREPARED BY: HJ WACKER DATE: 12/4/2003 DEPTH SIZE WEIGHT **HOLE SIZE GRADE** THREAD 0' - 471' CASING: 8 5/8" 28# 0' - 3340' 14# CASING: 5 1/2" CASING: TUBING: 0' - 2856' 2 3/8" 4.7# J-55 EUE 8rd TUBING: CURRENT PROPOSED **OPERATOR: MERIT ENERGY COMPANY** 8 5/8" CASING @ 471' W/270 SXS. TOC @ SURFACE **DETAIL OF PERFORATIONS** U.GRAYBURG: 2914', 16', 34', 38', 48', 52' M.GRAYBURG: 2972', 75' LOCO HILLS: 3000', 12', 14', 29' METEX: 3044', 48', 56' L.GRAYBURG: 3130', 32', 50', 54' PREMIER: 3161'-76' (6 SPF), 3185'-88' (2 SPF), 3197', 99', 3201', 24', 27', 28', 48', 50', 54', 3257'-62' (2 SPF), 3264'-69' (2 SPF) VACUUM: 3277', 79', 91', 93', 94', 98', 3300', 02', 05', 07', 08', 18', 20', 27', 29', 30', 31', 32', 33', 34' SEAT NIPPLE @ 2856' BAKER AD-1 PACKER @ 2860' PERFORATIIONS: 2914'- 3334'(OA) - 164 HOLES 5 1/2" CASING @ 3340' W/125 SXS. TOC @ 2550' (CBL) TD @ 3342'

### **MERIT ENERGY COMPANY** WELLBORE SCHEMATIC WELL NAME: FREN OIL COMPANY #12 FIELD: GRAYBURG-JACKSON LOCATION: 610' FSL & 1980' FEL, SEC 19-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3585'; KB=UNK SPUD DATE: 12/14/54 COMP DATE: 02/11/55 PREPARED BY: HJ WACKER API#: 30-015-05260 DATE: 12/4/2003 **DEPTH** SIZE **WEIGHT** GRADE **THREAD HOLE SIZE** CASING: 0' - 499' 8 5/8" 28# CASING: 0' - 3080' 20# J-55 CASING: **TUBING:** 0' - 2719' 2 3/8" 4.7# J-55 EUE 8rd **TUBING:** CURRENT PROPOSED **OPERATOR: MERIT ENERGY COMPANY** PRODUCTION CASING IS CEMENTED FROM 450' TO SURFACE 8 5/8" CASING @ 499' W/50 SXS. TOC @ 410' (calculated) **DETAIL OF PERFORATIONS** GRAYBURG: 2785', 89', 93', 95' U.GRAYBURG: 2845', 53', 55', 57', 59', 75', 82', 84', 87' LOCO HILLS: 2933', 34', 49', 51' METEX: 2978', 86', 88', 90', 3024', 30' L.GRAYBURG: 3060'-3070' (25 HOLES) SEAT NIPPLE @ 2719' BAKER J-LOK PACKER @ 2720' PERFORATIONS: 2785'- 3070'(OA) - 48 HOLES 7" CASING @ 3080' W/125 SXS. TOC @ 1894' (CBL) 6 1/8" OPEN HOLE: 3080'- 3200' (PREMIER INTERVAL)

TD @ 3200'

WELL NAME: FR	EN OIL COMPANY #13		FIELD: GRAYE	BURG-JACKS	NC	
LOCATION: 660'I	FSL & 710'FEL, SEC 19-T1	7S-R31E	COUNTY: EDI	ΟY		STATE: NM
ELEVATION: GL	=3594'; KB=UNK		SPUD DATE: 0	03/05/55	COMP DATE:	06/13/55
API#: 30-015-052	61 PREPARED	BY:	HJ WACKER		DATE:	12/4/2003
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 514'	8 5/8"	28#			10"
CASING:	0' - 3194'	7*	20#	J-55		8"
CASING:	0' - 3502'	4 1/2"	11.6#	K-55	LT&C	6 1/8"
TUBING:	0' - 2722'	2 3/8"	4.7#	J-55	EUE 8rd	
TUBING:						



CURRENT

PROPOSED

**OPERATOR: MERIT ENERGY COMPANY** 

8 5/8" CASING @ 514' W/75 SXS. TOC @ 390'(calculated)

#### **DETAIL OF PERFORATIONS**

**GRAYBURG:** 2782', 2805'

**U.GRAYBURG:** 2831', 40', 42', 46', 60', 66', 69', 72'

LOCO HILLS: 2920', 22', 44', 46'

METEX: 2961', 72', 86', 88', 3000', 02'

L.GRAYBURG: 3046', 48', 64'

PREMIER: 3074', 78', 82', 86', 90', 3110', 38', 53', 69', 76', 80', 83', 87'

**VACUUM:** 3205', 16', 23', 30', 35', 42', 70'

LOVINGTON: 3320', 24', 34', 37', 69'

SEAT NIPPLE @ 2722'

BAKER AD-1 PACKER @ 2723'

7" CASING @ 3194' W/150 SXS. TOC @ 1980'

PERFORATIONS: 2782'- 3369' (OA) - 48 HOLES

PBTD @ 3473'

4 1/2" CASING @ 3502' W/400 SXS. TOC @ SURFACE

TD @ 3502'

	-				COMBI ETICS	CURRENT			TD.	BRIDGE BLUG	TEMPORA BULL		13 3/8	_	12 3/4"	11.3		10 3/4"	9 5/8"		8 5/8"	8 1/4		7"		5 1/2"	4	1/2**	2 7.	8"	TO
WELL NAME	WELL#	LOCATION	TD	SPUD DATE	COMPLETION DATE	CURRENT STATUS	TYPE OF COMPLETION	DEPTHS	(BOPD)	BRIDGE PLUG DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET #	F OF	EET # OF	FEET	# OF SXS	ET # OF	FEET # S	OF FE	ET # OF	FEET #	OF SXS FE	ET S	OF FE	EET # C	OF FEET	# OF SXS	FEET	# OF SXS	TOO
FREN OIL CO	4	19 17S 31E	2,054	12/8/43	1/21/44	P&A	OPEN HOLE	1845-2052	160					-						4	0 60			345 1	-	170					
					12/18/58 5/14/64		PERFORATE PERFORATE	3020-3152 2722-3152		3170				-							+				3,	178 8:	1				_
PREN OF CO		10 170 110	2.020	8/10/46	7/8/77		P&A	1019 2020	104			7/8/1977																			
FREN OIL CO	6	19 17S 31E	2,020	8/10/46	9/9/46 2/20/64	P&A	OPEN HOLE DEEPEN & PERFORATE	1818-2020 2911-3546	106											31	0 75		1,	318 1	50		3,643	295			
FREN OIL CO	9	19 17S 31E	2.445	2/5/47	10/13/75 4/28/47	P&A	P&A OPEN HOLE	2595-3121	41		9 3 2 2 2	10/13/1975								-	6 50			05 1	50						
FREN OIL CO	, ,	19 173 316	3,443	2/3/4/	11/25/55	F&A	OFEN HOLE	2373-3121	41											30	0 30		2,	595 1		950 12	.5				
FRIESS, MAX	3	30 17S 31E	3451	7/1/57	11/17/76 8/13/57	P&A	P&A PERFORATE	2908-3274	264			11/17/1976						86 100					7	151 1	00						2,40
TRIESS, MAX		50 173 312	3431	7,1737	2/22/60	TRA	PERFORATE	3379-3392	204		4 5 75 5				= =			80 100					3,	131 1	<i>J</i> O						2,40
		多毛海			5/20/62 8/3/78		PERFORATE P&A	3382-3396		5 5 5	5/20/1962	8/3/1978															4				
TURNER A	16	19 17S 31E	1,927	3/2/44	4/29/44	P&A	OPEN HOLE	1876-1927	60			0.317710											4	91 5	0 1,	876 10	0				
	-				9/28/85		SET CIBP P&A			1844	9/28/1985	6/21/1986		-	_		-	-		+	+		+	_	+						
TURNER A	17	19 17S 31E	1,965	8/29/44	10/22/44	P&A	OPEN HOLE	1847-1965	95														4	93 - 5	0 1,	847 10	0				
TURNER A	20	19 17S 31E	1.935	4/16/48	10/12/85 6/8/48	P&A	P&A OPEN HOLE	1866-1935	15	1100		10/12/1985											5	10 5	0 13	866 10	0				
					3/2/76		P&A				-	3/2/1976																			
TURNER A	21	19 17S 31E	1,932	10/10/48	11/29/48 2/24/76	P&A	OPEN HOLE P&A	1855-1932	10			2/24/1976								50	0 30				1,3	355 75					
TURNER B	14	20 17S 31E	2,115	6/15/44	8/16/44	P&A	OPEN HOLE	1940-2115	85														5:	56 5	0 1,9	940 10	0				
TURNER B	26	20 17S 31E	2,010	10/15/47	3/16/76 1/2/48	P&A	P&A OPEN HOLE	1932-2010	20	est 13 15 3		3/16/1976											5.	16 5	0 1.9	932 10	0				
					3/13/76		P&A					3/13/1976										607									
TURNER B	27	20 17S 31E	2,034	10/22/47	12/31/47 3/11/76	P&A	OPEN HOLE P&A	1939-2034	12			3/11/1976										527	50		1,9	939 10	-				
TURNER B	28	20 17S 31E	1,949	4/22/48	6/8/48 3/8/76	P&A	OPEN HOLE	1873-1949	15			3/8/1976		2									5	1 5	0 1,8	373 10	5				
TURNER B	70	20 17S 31E	7,200	8/12/60	9/9/60	P&A	P&A PERFORATE	7042-7058	356			3/8/19/0				4/12/201				1,6	00 900						7,200	1,300			C
TURNER B		29 17S 31E	12714	7/27/59	1/28/71 1/7/60	DRY	SET CIBP PERFORATE	9763-9765		7000	1/28/1971 1/7/1960		230 3	200					3,825 2,5	ne					-	100					0.4
TURNERB	36	25 1/3 312	13/14	arnss	10/12/71	DKI	P&A				1//1900	10/12/1971	250 3	300					3,823 2,3	78					- 9,5	000 15					9,4
FREN OIL CO	10	19 17S 31E	2,034	1/6/47	1/31/47	P&A	OPEN HOLE DEEPEN & PERFORATE	1780-2034 2925-3248	85					-						49	4 75		1,7	80 13	10		2 200	225			
1,38					6/9/82		PERFORATE	3116-3171																			3,308	223			
FRIESS FEDERAL	1	19 17S 31E	1 970	7/17/44	11/21/01 9/1/44	P&A	P&A OPEN HOLE	1804-1970	85			11/21/2001										470	50 15	04 16	00						
					6/23/55		DEEPEN OPEN HOLE	2981-3110	37.04		A 6 T 6 F E	1000			E = 3											81 45					2,30
		56 8			1/27/67	<b>推</b>	DEEPEN OPEN HOLE	3255									- 1							8 8							
		\$ 19		<b>意图图</b>	7/5/72	2.24	PLUG BACK & CONV. TO INJ	3122	37. 63.	5.4.5.5.5		2.55										100		2 3							
					4/22/82 7/19/82	242	PERFORATE CLEAN OUT	2850-2900													- 20						+				
Enunce Control		20 190 219		0/15/10	12/3/01	-5-2-4	P&A	1007 0000	160	5.00		12/3/2001																1			
FRIESS	1	30 17S 31E	2,058	9/15/42	4/15/44 6/27/56	OIL	OPEN HOLE DEEPEN OPEN HOLE	1887-2058 3232	150	The state of the s										+		513	1,8	87 10	10		+				1 1
		20 170 210	2.570		3/3/81		PERFORATE	2050-2056																							
FRIESS FEDERAL CEDAR LAKE	3Y	30 17S 31E 30 17S 31E	2,570 3,423	6/14/58	N/A 7/25/58	OIL	NO RECORD PERFORATE & FRAC	2835-3256	150								5	8 360					3,4	23 15	0						2,03
					3/30/87		CLEAN OUT & INSTALL TBG		4-15			Fr 1			-											1			2 3/8" @ 3380		
TURNER B	13	20 17S 31E	2,051	5/29/44	8/13/44	P&A	OPEN HOLE	1891-2051	91														53	4 5	1,8	91 100	,		3380		
TURNER B	15	20 17S 31E	1 949	8/31/44	10/20/86 11/4/44	P&A	P&A OPEN HOLE	1875-1949	100	12 16 1	6 - 5 5 5 5 5 5	10/20/1986										510	0 1,8	75 10	0						
					10/10/86		P&A					10/10/1986										310 .	1,0	73 10	0						
TURNER B	16	20 17S 31E	1,974	11/2/44	12/31/44 8/22/85	P&A	OPEN HOLE SET CIBP	1876-1974	60	1850	8/22/1985									53	5 50		1,8	76 10	0		4				
					7/3/86	2222	P&A	2 2 3 5				7/3/1986						8 8 8													
TURNER B	17	20 17S 31E	2,046	11/12/44	2/1/45 11/12/86	P&A	OPEN HOLE P&A	1945-2046	75			11/12/1986	-	-				-		-			60	0 5	1,9	45 100	4				
STATE BK	2	19 17S 31E	2.014	8/24/66	8/24/66	P&A	PERFORATE / OPEN HOLE	2980-3023 / 3056-				1,700								49	50		1.8	51 11	0 30	56 65					
					5/22/02		P&A	3568				5/22/2002		-						Ŧ			-,0		- 100	- 33	200				
STATE BK	4	19 17S 31E	1,998	6/4/47	7/18/47	P&A	OPEN HOLE	1906-1982												50	5 50				1,9	06 75					
STATE BK	6	19 17S 31E	7,090	9/20/62	11/17/99	P&A	P&A PERFORATE	7034-7046				11/17/1999								1.2	2 200						7,088	870			
		200	100		1/1/01	L ELEK	P&A					1/1/2001																,			
FREN OIL CO	16	19 17S 31E	7,067	8/24/61	9/16/61 1/14/71	P&A	PERFORATE SET CIBP	6972-6998	80	6918	1/14/1971				-					1,50	3 550				7,0	67 1,05	0				0
					6/3/80		SET CIBP			6750																					
					3/4/96		P&A	6928-6982	450			3/4/1996																			0
FREN OIL CO	17	19 17S 31E	7.035	12/11/61	1/1/62	P&A	PERFORATE							CONTRACTOR OF THE PERSON		Control of the last		CONTRACTOR OF THE PARTY OF THE	CONTRACTOR DESCRIPTION	1 3 45	9 400		THE RESERVE AND ADDRESS.	CONTRACTOR OF THE PARTY OF	CONTRACTOR DESCRIPTION	CONTRACTOR OF THE PERSON NAMED IN	7.029				

WELL NAME	WELL #	LOCATION	TD	SPUD DAT	COMPLETION DATE	CURRENT STATUS	TYPE OF COMPLETION	DEPTHS	IP (BOPD)	BRIDGE PLUG DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET	# OF SXS	FEET	# OF SXS	FEET #	OF FEE	# OI SXS	FEE	7 # OF	FEET	# OF SXS		OF		# OF SXS			FEET #	OF XS	FEET	# OF SXS	тос
FREN OIL CO	19	19 178 311	7,100	3/12/62	4/2/62	OIL	PERFORATE PERFORATE & SQUEEZE (700	7026-7095 2320, 1800 &	182	DEFTI	ABANDONED DATE			3.43		3/3	3	A5	543	1	1 333	_	675		53.5		535		0.10	7,100 1	7,40			2,354
					4/22/80		SXS)	1415																										1 5
FREN OIL CO	20	19 175 311	7115	5/27/62	4/27/93	P&A	PERFORATE	6866-7019																									IEL- mar - Au	
THEIR OIL CO		17 173 311	1 7,113	3/2//02	6/17/62	F&A	PERFORATE & SQUEEZE	6928-7086 2110 & TOC @	226											1,439	9 750							$\rightarrow$		7,113 1	,200			0
					1/16/71	1.5.55	(1250 SXS)	1910	78.75	6868	1/16/1971	9 3 3					70.0						2.3					2.33						
					3/25/80	14 34	CLEAN OUT													-														
					5/28/80	10000	SET NEW BP & PERFORATED			2308																						3.9		
LEE FEDERAL	2	20 17S 31E	5 300	8/15/98	3/29/96 5/21/99	OIL	P&A PERFORATE	4641-4973	23	G-1000		3/29/1996											100											
LEE FEDERAL	6	20 178 318	5,170	7/27/99	11/27/99	OIL	PERFORATE	4670-5038	16				450	450									400 700					5,274 1 5,165 1						
LEE FEDERAL	7 8	20 17S 31E 20 17S 31E		N/A N/A		LOC																												
LEE FEDERAL	10	20 17S 31E	5,231	4/29/01	7/13/01	OIL	PERFORATE	4642-5042	27				453	450								1.367	650				-	5,231 1	1.250					
LEE FEDERAL TURNER B	65	20 17S 31E 20 17S 31E	5,191 7,497	4/9/03 3/25/60	5/29/03 5/19/60	OIL	PERFORATE	4628-4948	200				317	400								1,351	570					5,190	800					
TORIVERD	- 65	20 173 311	1,471	3/23/60		P&A	PERFORATE PERFORATE & SQUEEZE	7120-7152	288				477	795				_		+	-	3,800	3,300				-		7	7,497	500			4,800
	-		×-		2/4/62		(DRILL CMT OUT TO 7130')	7122-7128						1																	Ö		8 1	
					1/21/71 11/18/83		SET CIBP CLEAN OUT & TEST			6963	1/21/1971										-						-		_		_			
					8/27/99		P&A					8/27/1999																						2
FREN OIL CO		19 17S 31E	2,040	6/25/43	8/21/43	SHUT-IN	OPEN HOLE	1850-2030	44		8/20/1971														-   -	507	50	1,850	100					
FREN OIL CO	2	19 17S 31E	1,991	10/2/43	11/29/43	TA	OPEN HOLE	1821-1991	72		0/20/17/1											460	50		1,	821	100							
	-				3/30/50		PERFORATE DEEPEN & OPEN HOLE	1942-1989										_		_														
					12/22/54		COMPL.	3065-3116														1 2	- S					3,065	75				5.0	
					7/3/72 2/27/02		DEEPEN & CONV. TO INJ. SET CIBP	3181		3010	2/27/2002																	15						
FREN OIL CO	3	19 17S 31E	2,002	3/12/44	4/15/44	SHUT-IN	OPEN HOLE	1802-2002	145	3010	2/27/2002											482	50		1	802	100							
			37.2	3/12/44	7/1/55	233	DEEPEN THOUSAND	3134	2.00	7 5 5 5																		3,074	80					
	1998				8/9/72		PLUG BACK (3100')& PERFORATE	2950-3044	8.8.8			300															- 3	20						
FREN OIL CO	5	19 17S 31E	2,023	1/27/44	2/25/44	SHUT-IN	OPEN HOLE	1806-2023	152													485	50		1,	806	100							
					8/20/71 11/19/46		OPEN HOLE	1809-2023	83		8/20/1971			_	-	-	3000	-		-	-	452	75		1	809	130		-		_	-		
					8/20/71		TA				8/20/1971												188			007	150	PILE					100	
FREN OIL CO	7	19 17S 31E	3,312	10/19/46	12/12/63	INJ	DEEPEN (3100') & PERFORATE	2844-3071	3.5	185 18 4 18		34.5																	7	3,094 1	50		£ 14	2,486
					5/30/80		CEM. 4 1/2" - 7"	2486-SURFACE		2-2-6-6-6																								
4.00	150	Jan 1			12/3/97		PERFORATE & CONV. TO INJ. WELL	2820-2992	2.53	<b>高速表表表</b>		94.5												5								3/8" @ 2749		
FREN OIL CO	8	19 17S 31E	1,979	11/27/46	12/28/46	INJ	OPEN HOLE	1792-2021	60													505	75	14-14	1,	792	130					2/49		
				11/27/46	4/30/64		DEEPEN (3615') & PERFORATE	2755-3562									0 1	25	1000						S. Ir	15.0			?	3,578 4	65		100	
					3/24/76		P&A	100000000000000000000000000000000000000				3/24/1976																					139.7	
	1 14 1				12/3/97		PERFORATE & CONV. TO INJ. 3 WELL	3074-3237 &2722- 3076	1	3320			7		× .									9 1	-							59 OF 2 3/8"		
FREN OIL CO	- 11	19 17S 31E	2,042	5/4/47	6/4/47	SHUT-IN	OPEN HOLE	1809-2042	42	30.34												438	50		1,	809	130					3/8		
FREN OIL CO	12	19 17S 31E	3.141	12/14/54	10/1/71 2/11/55	INJ	SHUT-IN, UNECONOMIC OPEN HOLE	3080-3141	630		10/1/1971	57%										400	50			000	126			E				
Harris III					6/8/82		DEEPEN (3200') &	3060-3070									-					499	30		3,	080	123		_		_	_		
							PERFORATE PERFORATE & CONV. TO INJ.						-	_	-		_	-							_				_	-	_			
					12/3/97		WELL	2785-3030		118					- 8																- 1	2,721		
FREN OIL CO	13	19 17S 31E	3 336	3/6/55	7/1/00 6/13/55	INJ	TEST & CLEAN OUT OPEN HOLE	3194-3255	720														7.0											
					6/22/72		PERFORATE & CONV. TO INI.	3153-3186	120													514	/5		3,	194	150							
	接音音				6/22/82		WELL PERFORATE	3044-3052				100																						
					9/18/92		CLEAN OUT	3333				200																						
					4/15/97		PERFORATE & RETURN TO	2782-3369							3 3																		3.3	
FREN OIL CO	18	19 17S 31E	7,150	1/2/62	5/11/62	OIL	INJ. PERFORATE		192													1,364	650						-	,120 1,2	200			1,435
					10/27/78			400-1402 & 2975	11 11	3200												1,20,							1	,,,,,	7			.,455
FREN OIL CO		19 17S 31E		6/12/96	8/9/96	OIL	PERFORATE	3104 2876-3269	125													396	350					3,734 1,	475					150
FREN OIL CO		19 17S 31E		7/20/96	8/20/96	OIL	PERFORATE	2745-3327														391						3,734 1, 3,609 1,						0
FREN OIL CO	WI-25	19 17S 31E	3,732	7/17/97	8/14/97	INJ	PERFORATE 3	171-3300 & 2762 3131														428	300					3,731 2,	,325					
					9/16/97		PERFORATE & CONV. TO INJ. 2	762-3131 & 3171		-95 04 25																								
		100					WELL	3300		42.0																								
					12/16/98		SET CIBP & RETURN TO INJ.			2655		273																						

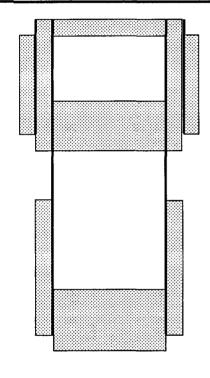
WELL NAME	Week.	LOCATION	m.	CRVID T : T	COMPLETION	CURRENT			IP	BRIDGE PLUC	TEMPORARILY		13 3/8		12 3/4"	11	# OF	10 3/4	# OF	# 01	0:	# OF	8 1/4"	F	# 01	2	# OF	4 1/2"	E	100	TOC
WELL NAME		# LOCATION		SPUD DATE	DATE	STATUS	TYPE OF COMPLETION	DEPTHS	(BOPD)	DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET #	OF SXS FEI	ET # OF	FEET	SXS	FEET	FE SXS	ET # OI	FEET	# OF SXS	FEET # C		r # OI SXS		F # OF SXS	FEET # O		# OF SX	100
FRIESS FEDERAL	1	19 17S 31E	3,521	9/18/41	4/15/42	P&A	OPEN HOLE	2719-2870	35														465 5	2,71	9 100						
					2/16/67		CLEAN OUT PERFORATE (7" CSG	3470						_		+		-	+	_	-			+		-	+		_	-	
					8/13/69		COLLAPSE)	1901-1974		2431																					
					11/27/72 6/7/97		TA P&A				11/27/1972	6/7/1997		_		-				_				_							
FRIESS FEDERAL	3	19 17S 31E	7,085	5/23/62	7/13/62	OIL	PERFORATE	7060-7070	984			0///1997									1,405	200				7,085	850				1,454
				34 6 2	5/17/63		PERFORATE	6955-7046			ESTEROPE SER	3-3-5		53 (5)	- 3																
					4/5/65	A SEC	SQZ ALL PERFS W/ 150 SXS & PERFORTE	6955-7005	2.5		Walter		32.5																	100	112
					7/8/69		DRILL OUT (7095') &	6959-7095		美 美 基 法 法		3 3 4																			
					6/23/70	3 = 5 1	PERFORATE PERFORATE	2814-3176		3269										- 5									4		
					8/9/85		SHUT-IN, UNECONOMIC	20,1,0,1,0		3207																					
FRIESS FEDERAL FRIESS FEDERAL		19 17S 31E		5/29/96 12/6/97	7/6/96 1/27/98	OIL INJ	PERFORATE PERFORATE	2734-3322 2720-3251	147													375					1,350				0
		17 175 311	3,770	12/07/		1173	ACIDIZE & CONV. TO INJ.	2720-3231			Notes & Barrie	200									419	350				3,439	1,050				
FRIESS, MAX	1	30 17S 31E	2.057	12/14/43	2/10/98		WELL									12.00															
PRIESS, MAX		30 1/3 31E	2,037	12/14/43	3/6/43 2/25/55	INJ	OPEN HOLE PLUGGED BACK	1852-2057 2050	10						-					-	-		524 50	1,85	2 100	-	1		-		
					10/1/57		DEEPEN & OPEN HOLE	2830-3437																		2,830	100				1,980
							COMPL. PERFORATE & CONV. TO INJ.							_		-		_	_		-			-	_	2,030	100			-	1,780
					7/11/72		WELL	3108-3237																					3,423	155	Try III I
FRIESS, MAX	2	30 17S 31E	3,300	4/26/57	6/13/57 9/24/58	INJ	PERFORATE PERFORATE	3264-3276	206									582	100					3,30	100						2,375
					9/9/73		PERFORATE	3098-3128 3191-3212						10 m																	
							PERFORATE & SQUEEZE			A 2 6 7 5		2.2		* 5									5 4								
		100		334	1/30/86		(2150 W/125 SXS &1800 W/125 SXS)	1985-2035	460	47.7	5 6 F 4 5 F																				
					11/11/90		CLEAN OUT	3286																							
	3359				11/5/96		PERFORATE & CONV. TO INJ. WELL	2750-3282	120											1 3									2,700		
FRIESS, MAX	4	30 17S 31E	3,397	8/26/57	10/6/57	INJ	PERFORATE	3358-3368	232									314	100					3,39	100						2,210
1 12 12 12	-				6/22/72		PERFORATE	3220-3240		2200																			1000		
30.7-					9/28/91		CONV. TO INJ. WELL CLEAN OUT & PERFORATE	2903-3390		3300		1000	_	_	-			-	-	-				+	+	+				_	
					4/14/97	100	PERFORATE & RETURN TO	2910-3562		100														50				J. 18.7			100
FRIESS, MAX	5	30 17S 31E	3,810	3/12/91	3/30/91	OIL	INJ. PERFORATE	3036-3540	292					324	5 500						1,391	900				3 905	1,100				
FRIESS, MAX		30 17S 31E		5/5/92	5/21/92	OIL	PERFORATE	3089-3519	298				404 3		3 300						1,443						1,100				0
TURNER A	35	19 17S 31E	3,635	12/2/67	1/17/68	INJ	PERFORATE & CONV. TO INJ. WELL	2930-3380		19.00	DA PATER										555	350						3,635 390	0		1,480
					8/24/91		FILL W/ CMT 4 1/2" - 8 5/8"																								
TURNER A	36	19 17S 31E	3 442	11/18/67	5/24/97 12/10/67	OIL	CLEAN OUT	2024 2418	61		7 4 55 + 2	2 5 5		3 8															1 7 3		
TURNER A		19 17S 31E		5/7/96	6/1/96	OIL	PERFORATE PERFORATE	2934-3418 2690-3429	61 382								223.00		60	350	392	500		3,450	450		1,875				1,800
TURNER A TURNER A		19 17S 31E		4/15/96	5/23/96	OIL	PERFORATE	2741-3243	95												353	350				3,669	2,000		79		0
TURNER A		19 17S 31E 19 17S 31E		2/15/96 4/8/96	4/5/96 5/13/96	OIL	PERFORATE PERFORATE	2706-3488 2689-3402	243 200						9						421 428			+			2,300			3 39	570
TURNER B	12	20 17S 31E	2,022	3/12/44	6/6/44	TA	OPEN HOLE	1875-2022	50												420	300		609	50	1,875					
TURNER B	23	29 17S 31E	2,102	7/13/46	9/6/85 9/1/46	TA	SET CIBP OPEN HOLE	1995-2102	25	1845	9/6/1985													558	50	1.005	100			19 225	
					12/11/68		TA				12/11/1968													338	30	1,995	100				
TURNER B	41	20 17S 31E	3,455	5/14/53	7/16/53 12/19/59	INJ	PERFORATE PERFORATE	3290-3408 2955-2980	- 80										53	2 50						3,451	200				
					12/30/67		CONV. TO INJ. WELL	2733-2780									4-1														
					1/18/70		SQUEEZE & PERFORATE	2900-2902				5. E.S.										3				200					100
	3.5-3				2/13/97		PERFORATED & RETURN TO INJ.	2706-3108		5322													<b>F. 1</b> 13						2 3/8" 8 2639		3
					3/7/01		CLEAN OUT & PRESSURE																						2039	2 2	2000
TURNER B	43	20 17S 31E	3,238	9/1/55	10/16/55	INJ	TEST PERFORATE	3062-3078	168												530	50				2 222	125				2,345
		7	,		4/6/62	41.10	PERFORATE	3200-3210	100												528	30				3,237	125				2,345
			-		2/3/70 6/15/80		PERFORATE SQUEEZE & PERFORATE	3148-3163 2331-2332							-									4							
					4/5/91		PERFORATE	2873-2994																	-	1	+				1,400
	-				4/13/97	I	PERFORATE & CONV. TO INJ.	2822-3129																							
TURNER B	44	20 17S 31E	3,342	10/30/55	11/21/55	INJ	WELL PERFORATE	3161-3176	750												489	270				3 330	125			-	2,535
					3/11/69		CONV. TO INJ. WELL	44.2504.574.7													487		74			3,339	123				£,000
		33.34			9/18/91		PERFORATE PERFORATE	3185-3269 3130-3334				7																			1 2
	B			20.000	2/24/97		CLEAN OUT	3130-3334																							

3

				_		COMPT PERON	OT IN PURIO			_				13 3		12 3/4	_	11 3/4"	_	10 3/4"	_	9 5/8"	_	5/8"	0	1/4"	7.		5.1/	_	4 1/2"	_	2 7/8"		maa
WELL NAME	WELL	# LOCA			SPUD DATE	DATE	CURRENT STATUS	TYPE OF COMPLETION	DEPTHS	(BOPD)	BRIDGE PLUG DEPTH	TEMPORARILY ABANDONED DATE	P&A DATE	FEET	# OF SXS	FEET 5	F SXS	FEET # C	OF KS FI	EET # C	FEI	ET # O	F FEET	F SXS	FEET	# OF SXS	FEET	# OF SXS		# OF SXS		# OF SXS FE	EET #	F OF SXS	TOC
TURNER B	50	29 17	S 31E	3,375	10/6/57	11/25/57	INJ	PERFORATE	3306-3320	205										598   10							3,374	100							2,275
						6/18/59		PERFORATE	3208-3224																										
						3/11/69		CONV. TO INJ. WELL			3305																								
						1/22/70		CLEANED OUT & PERFORATE	3172-3285																										
						7/18/91		DRILLED OUT CIBP & PERFORATE	2978-3156		8												-									IT NA	A4	12.1	
						3/17/97		PERFORATE & RETURN TO INJ.	2914-2948																					0.00			134	43.8	
TURNER B	67	20 17	S 31E	7,223	5/26/60	7/25/60	INJ	PERFORATE	3031-7054	192				470	525		- 2			- 5 =			3,800	900							7,221				3,697
						4/3/69	46.5	SQZ PERFS& CONV TO INI. WELL	3155-3180	100	6930	4 75 5 66	25 2 2																						
						1/30/70		PERFORATE	3060-3068																										
						3/24/96		SQZ CSG LEAKS	478-513																										
TURNER B	79	20 17	31E	3,530	1/3/68	1/25/68	INJ	PERFORATE	2890-3124	67											60	5 350					3,530	500							1,300
						4/23/97		PERFORATE & CONV. TO INJ. WELL	2739-3469				-														1				all go				
TURNER B	89	29 17	31E	3,800	12/30/90	1/18/91	OIL	PERFORATE	3117-3309	316													600	465		-			3,800	2 375					
						1/19/91		PERFORATE	3065-3530	165		50 40 40 40 40 60	2 9 9										589	465					3,800						
TURNER B	93	20 17			1/18/91	2/22/91	OIL	PERFORATE	2864-3681	250				452	650									700						3,821	900				
TURNER B	95	20 17			1/17/91	2/19/91	OIL	PERFORATE	2815-3551	113								T						465					3,700						
TURNER B	96	20 173			1/27/91	2/16/91	OIL	PERFORATE	2725-3514	134														700					3,752						
TURNER B	100	20 17:			2/9/91	2/18/91	OIL	PERFORATE	3213-3454	- 60								465 42	25		30		1,422	550					3,576						
TURNER B	101	20 175		3,857	6/7/92	8/21/92	OIL	PERFORATE	3031-3800	48	53.			367	400								1,246	800					3,856	1,100					
TURNER B	115	20 173			2/16/99	3/16/99	OIL	PERFORATE	2696-3406	242			40.00										425	725					3,598	1,700					
TURNER B	118	20 175		3760	6/18/96	8/19/96	OIL	PERFORATE	2821-3517	300													339	350	4				3,759	1,325					
CHERRY VANILLA	1	19 179			10/30/02	1/9/02	GAS	PERFORATE	11229-11236					434	400	75.4					4,53	31 3,52	5						11,760	1,350					
CHOCOLATE MOOSE		20 175		4,550	12/20/01	1/10/02	DRY	LOST HOLE	4503				1/15/2002	445																					
CHOCOLATE MOOSE	1-Y	20 175	31E	11,736	1/17/02	5/9/02	GAS	PERFORATE	11310-11330		- year 7			440	700						4,53	35 2,17	5						11,736	1,050					
FREN OIL CO COM	21	19 175	31E	12,299	3/27/65	6/17/65	TA	PERFORATE	6944-6996 & 11142-11218		11500			369	300						3,21	0 600					12,275	575			1-1				
				7		1/17/81		SQUEEZE & PERFORATE	5768-5770 & 5050 5052															1		16								1- 14	
						1/17/81		SQUEEZE CASING LEAKS	8170-8385																										1
						1/31/01		TA			11980	1/31/2001																							190
						2/20/03		RE-ENTER, TA			8570	2/20/2003																							
FRIESS	3	30 178	31E	2,033	2/6/47	4/21/47	P&A	OPEN HOLE	1954-2033	40			2 3 5										435	50					1,954	100					
						6/7/56		P&A		2 2 3			6/7/1956							SS 2															
TURNER B	75	29 178	31E	9,900	11/6/60	1/10/61	DRY	P&A					1/10/1961										1 608	650											0

4

WELL NAME: FR	EN OIL COMPANY #4		FIELD: GRAY	BURG-JACKS	ON	
LOCATION: 1980	'FSL & 660'FEL, SEC 19-1	Γ17S-R31E	COUNTY: EDI	DΥ		STATE: NM
ELEVATION: GL=	=3609'; KB=UNK		SPUD DATE:	12/08/43	COMP DATE:	01/21/44
API#: 30-015-052	52 PREPARED	BY: C.H. CARL	ETON		DATE: 10/05/9	96
2. 7	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 480'	8 5/8"	32#			12"
CASING:	0' - 1845'	7"	20#			8 1/2"
CASING:	UNK - 3178'	5 1/2"	15.5#	J-55		6 1/4"
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR: DEVON ENERGY CORPORATION(NEVADA)

DATE PLUGGED: 07/08/77

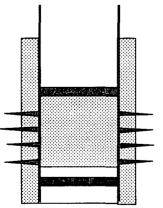
CEMENT PLUG: 0'- 10' CEMENT PLUG: 370'- 570'

8 5/8" CASING @ 480' W/60 SXS. TOC @ 380' (calculated)

PERF 7" CASING @ 570'

CEMENT PLUG: 1580'- 1892'

7" CASING @ 1845' W/100 SXS. TOC @ 1320' (calculated)



CUT 5 1/2" CASING (DEPTH UNKNOWN)

CEMENT RETAINER @ 2607', PUMP 150 SXS BELOW RETAINER.

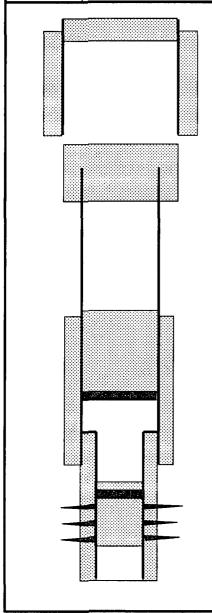
PERFORATIONS: 2722'- 3152' (OA)

CIBP @ 3170'

5 1/2" CASING @ 31278' W/85 SXS. TOC @ 2010' (calculated)

TD @ 3185'

WELL NAME:	FREN OIL COM	1PANY #6		FIELD: GRAY	BURG-JACKS	ON	
LOCATION: 99	00'FSL & 1650'F	EL, SEC 19-T1	7S-R31E	COUNTY: EDI	OY		STATE: NM
ELEVATION: 0	SL=UNK; KB=U	NK; DF=3591'		SPUD DATE:	08/10/46	COMP DATE:	09/09/46
API#: 30-015-0	5254	PREPARED B	Y: C.H. CARLE	TON		DATE: 10/05/9	96
	DEI	PTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' -	500'	8 5/8"	24#	_		12"
CASING:	585' -	1818'	7"	20#			8 1/4"
CASING:	1767' -	3643'	4 1/2"	9.5#			6"
TUBING:							
TUBING:							



CURRENT

PROPOSED

OPERATOR: DEVON ENERGY CORPORATION(NEVADA)
DATE PLUGGED: 10/13/75

DATE 1 20002D. 10/13/10

CEMENT PLUG: 0'- 50'

8 5/8" CASING @ 500' W/75 SXS. TOC @ 370' (calculated)

CEMENT PLUG: 510'- 660' CUT 7" CASING @ 585'

CEMENT RETAINER @ 1693', CAP WITH 300' CEMENT.

TOP OF 4 1/2" LINER @ 1767'
7" CASING @ 1818' W/150 SXS. TOC @ 870' (calculated)

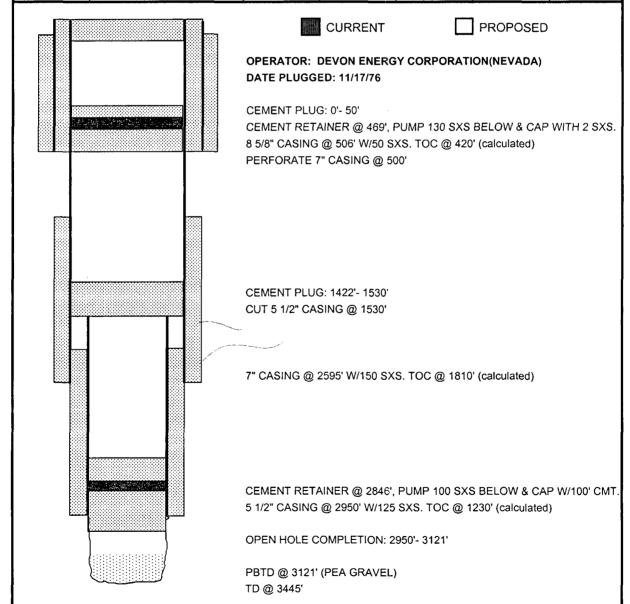
CEMENT RETAINER @ 2800', PUMP 75 SXS BELOW & CAP W/2 SXS.

PERFORATIONS: 2911'- 3546' (OA)

4 1/2" LINER @ 1767'- 3643' W/295 SXS.

TD @ 3643'

WELL NAME: FRE	EN OIL COMPANY #9		FIELD: GRAYE	BURG-JACKS	ONNC	
LOCATION: 2310'	FSL & 330'FEL, SEC 19-T1	7S-R31E	COUNTY: EDD	ΣΥ		STATE: NM
ELEVATION: GL=	3611'; KB=UNK		SPUD DATE: 0	02/06/47	COMP DATE:	04/28/47
API#: 30-015-0525	7 PREPARED	BY: C.H. CARLE	TON	·	DATE: 10/05/9	96
2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 506'	8 5/8"	24#			12"
CASING:	0' - 2595'	7"	20#	J-55		8 1/2"
CASING:	0' - 2950'	5 1/2"	15.5#	J-55		6 1/4"
TUBING:						
TUBING:						

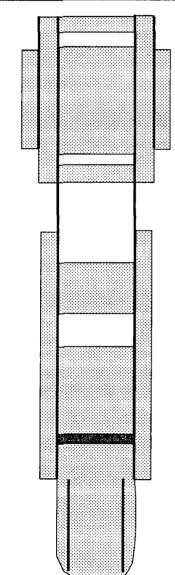


#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: MAX FRIESS #3 FIELD: GRAYBURG-JACKSON LOCATION: 1980'FNL & 1980'FEL, SEC 30-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3597'; KB=UNK SPUD DATE: 07/01/57 COMP DATE: 08/13/57 PREPARED BY: C.H. CARLETON API#: 30-015-05470 DATE: 10/05/96 **DEPTH** WEIGHT THREAD **HOLE SIZE** SIZE **GRADE** CASING: 10 3/4" 0' - 586' 28.6# CASING: 0' - 3451' 7" 17,20# CASING: TUBING: TUBING: CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 08/13/79 CEMENT PLUG: 0'- 10' CEMENT RETAINER @ 556', PUMP 250 SXS BELOW RETAINER 10 3/4" CASING @ 586' W/100 SXS. TOC @ 230' (calculated) PERFORATE 7" CASING @ 650'. CEMENT TO SURFACE. CEMENT RETAINER @ 1744', PUMP 250 SXS BELOW RETAINER. PERFORATE 7" CASING @ 1410' CEMENT RETAINER @ 1366', PUMP 379 SXS BELOW & CAP W/15' CMT PERFORATE 7" CASING @ 1916' CEMENT RETAINER @ 2234', PUMP 379 SXS BELOW & CAP W/15' CMT PERFORATE 7" CASING @2310'- 2312' CIBP @ 2846' & CAPPED WITH 100' CEMENT PERFORATIONS: 2908'- 3396' (OA) 7" CASING @ 3451' W/100 SXS. TOC @ 2400'(TEMP SURVEY) TD @ 3451'

#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "A" #16 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) STATE: NM LOCATION: 1980' FNL & 660' FEL, SEC 19-T17S-R31E COUNTY: EDDY SPUD DATE: 03/02/44 COMP DATE: 04/29/44 ELEVATION: GL=3613'; KB=UNK API#: 30-015-05241 PREPARED BY: C.H. CARLETON DATE: 02/14/01 THREAD DEPTH SIZE WEIGHT **GRADE** HOLE SIZE CASING: 0' - 491' 7" 17# CASING: 0' - 1876' 5 1/2" 14# CASING: TUBING: **TUBING** CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION (NEVADA) PLUGGED & ABANDONED: 06/21/86 CEMENT PLUG: 0'-485' W/197 SXS PERF 4 HOLES @ 485' 7" CASING @ 491' W/50 SXS. TOC @ 270' (calculated) CMT RET @ 1190'. PUMP 150 SXS BELOW RETAINER & CAP W/60' CMT PERF 4 HOLES @ 1300' CEMENT PLUG: 1400'-1830' W/53 SXS CIBP @ 1840' 5 1/2" CASING @ 1876' W/100 SXS. TOC @ 500' (calculated) 4 3/4" OPEN HOLE: 1876'- 1927' INTERVAL 1885'-1910' SHOT W/60 QTS OF NITRO TD @ 1927'

# DEVON ENERGY CORPORATION WELLBORE SCHEMATIC WELL NAME: TURNER "A" #17 LOCATION: 1980'FNL & 1980'FEL, SEC 19-T17S-R31E ELEVATION: GL=3620'; KB=UNK ADM: 20.045.05242 PDEFDADED BY: C.M. CARLETON DATE: 40/05/00

ELEVATION: G	L=3620'; KB=UNK		SPUD DATE: (	)8/29/44	COMP DATE:	10/24/44
API#: 30-015-0	5242 PREPARED	BY: C.H. CARLE	TON		DATE: 10/05/9	96
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 493'	7"	17,24#			
CASING:	0' - 1847'	5 1/2"	14#			
LINER:	1843' - 1950'	4"				
TUBING:						
TUBING:	# · ·					



CURRENT

PROPOSED

STATE: NM

OPERATOR: DEVON ENERGY CORPORATION(NEVADA)

DATE PLUGGED: 10/12/85

CEMENT PLUG: 0'- 90' CEMENT PLUG: 120'- 518'

7" CASING @ 473' W/50 SXS. TOC @ 240' (calculated)

CEMENT PLUG: 530'- 550'

CEMENT PLUG: 1100'- 1305'

CEMENT RETAINER @ 1781', PUMP 150 SXS BELOW & CAP W/335' CMT.

5 1/2" CASING @ 1847' W/100 SXS. TOC @ 810' (calculated)

OPEN HOLE COMPLETION: 1847'- 1965'

4" LINER @ 1843'-1950' (LANDED NOT CEMENTED)

TD @ 1965'

## **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "A" #20 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 2310'FNL & 990'FEL, SEC 19-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3698'; KB=UNK; SPUD DATE: 04/15/48 COMP DATE: 06/08/48 API#: 30-015-05245 PREPARED BY: C.H. CARLETON DATE: 04/23/96 HOLE SIZE DEPTH SIZE WEIGHT **GRADE** THREAD CASING: 0' - 510' 24# CASING: 705' - 1866' 5 1/2" 14# CASING: TUBING: TUBING: CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 03/02/76 CEMENT RETAINER @ 200', PUMP 80 SXS BELOW & CAP WITH 45 SXS. 7" CASING @ 510' W/50 SXS. TOC @ 270'(calculated) CUT 5 1/2" CASING @ 705' CEMENT PLUG: 705'- 950' CEMENT PLUG: 1686'- 1866' 5 1/2" CASING @ 1866' W/100 SXS. TOC @ 1010'(calculated) OPEN HOLE COMPLETION: 1866'- 1935' TD @ 1935'

#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "A" #21 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 2310'FNL & 2310'FEL, SEC 19-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3614'; KB=UNK; SPUD DATE: 10/10/48 COMP DATE: 11/29/48 API#: 30-015-05246 PREPARED BY: C.H. CARLETON DATE: 10/05/96 DEPTH SIZE WEIGHT **GRADE** THREAD **HOLE SIZE** CASING: 0' - 500' 8 5/8" 24# CASING: 950' - 1855' 14# 5 1/2" CASING: TUBING: **TUBING** CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 02/24/76 CEMENT PLUG: 0'- 35' CEMENT RETAINER @ 270', PUMP 200 SXS BELOW & CAP WITH 15 SXS 8 5/8" CASING @ 500' W/30 SXS. TOC @ 360' (calculated) CEMENT PLUG: 800'- 950' CUT 5 1/2" CASING @ 950' CEMENT PLUG: 1500'- 1855' 5 1/2" CASING @ 1855' W/75 SXS. TOC @ 1570' (calculated) OPEN HOLE COMPLETION: 1855'- 1932' TD @ 1932'

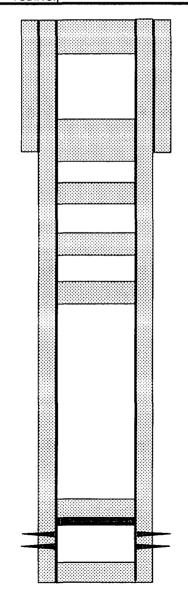
#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #14 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 660'FSL & 1980'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM SPUD DATE: 06/15/44 ELEVATION: GL=3667'; KB=UNK COMP DATE: 08/16/44 API#: 30-015-05286 PREPARED BY: C.H. CARLETON DATE: 10/05/96 DEPTH SIZE WEIGHT **GRADE** THREAD HOLE SIZE CASING: 0' - 556' 7" 20# 700' - 1940' 5 1/2" 14# CASING: CASING: TUBING **TUBING** CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) **DATE PLUGGED: 03/16/76** CEMENT PLUG: 0'- 50' W/10 SXS CEMENT PLUG: 506'- 606' W/35 SXS 7" CASING @ 556' W/50 SXS. TOC @ 150' (calculated) CEMENT PLUG: 650'- 750' W/35 SXS CUT 5 1/2" CASING @ 700' CIBP @ 1850' & CAPPED WITH 100' CEMENT 5 1/2" CASING @ 1940' W/100 SXS. TOC @ 570' (calculated) OPEN HOLE COMPLETION: 1940'- 2115' TD @ 2115'

### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #26 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 1650'FSL & 330'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3615'; KB=UNK SPUD DATE: 10/15/47 COMP DATE: 01/02/48 API#: 30-015-05294 PREPARED BY: C.H. CARLETON DATE: 10/05/96 DEPTH SIZE WEIGHT **GRADE** THREAD HOLE SIZE CASING: 0' - 536' 7" 20# CASING: 706' - 1932' 5 1/2" 14# CASING: TUBING: TUBING: CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 03/13/76 CEMENT PLUG: 0'- 50' 7" CASING @ 536' W/50 SXS. TOC @ 130' (calculated) CEMENT PLUG: 615'- 785' CUT 5 1/2" CASING @ 706' CEMENT PLUG: 1850'- 1950' 5 1/2" CASING @ 1932' W/100 SXS. TOC @ 1140' (calculated) OPEN HOLE COMPLETION: 1932'- 2010' TD @ 2010'

#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #27 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 330'FSL & 330'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3613'; KB=UNK SPUD DATE: 10/22/47 COMP DATE: 12/31/47 PREPARED BY: C.H. CARLETON API#: 30-015-05295 DATE: 10/05/96 **DEPTH** SIZE WEIGHT GRADE THREAD HOLE SIZE CASING: 0' - 527' 8 1/4" 24# CASING: 850' - 1939' 5 1/2" 14# CASING: TUBING: **TUBING** CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) **DATE PLUGGED: 03/11/76 CEMENT PLUG: 0'- 35' W/10 SXS** CEMENT PLUG: 457'- 557' W/40 SXS 8 1/4" CASING @ 527' W/50 SXS. TOC @ 350' (calculated) CEMENT PLUG: 800'- 900' W/35 SXS CUT 5 1/2" CASING @ 850' CIBP @ 1850' & CAPPED WITH 10 SXS CEMENT 5 1/2" CASING @ 1939' W/100 SXS. TOC @ 1150' (calculated) OPEN HOLE COMPLETION: 1939'- 2034' TD @ 2034'

#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #28 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 2310'FSL & 330'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3617'; KB=UNK SPUD DATE: 04/22/48 COMP DATE: 06/08/48 API#: 30-015-05296 PREPARED BY: C.H. CARLETON DATE: 10/05/96 DEPTH SIZE WEIGHT **GRADE** THREAD HOLE SIZE CASING: 0' - 511' 7" 20# CASING: 700' - 1873' 5 1/2" 14# CASING: TUBING: **TUBING** CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 03/08/76 CEMENT PLUG: 0'- 50' CEMENT PLUG: 450'- 511' 7" CASING @ 511' W/50 SXS. TOC @ 110' (calculated) CEMENT PLUG: 650'- 800' CUT 5 1/2" CASING @ 700' CEMENT PLUG: 1665'- 1873' 5 1/2" CASING @ 1873' W/100 SXS. TOC @ 1080' (calculated) OPEN HOLE COMPLETION: 1873'- 1949' TD @ 1949'

WELL NAME: TUP	RNER "B" #7	0		FIELD: CEDAF	R LAKE ABO		
LOCATION: 330' F	FSL & 660' F	WL, SEC 20-T1	7S-R31E	COUNTY: EDD	Υ		STATE: NM
ELEVATION: GL=	=3627'; KB=3	3641'		SPUD DATE:	08/12/60	COMP DATE:	09/09/60
API#: 30-015-0530	01	PREPARED B	Y: C.H. CARL	ETON		DATE: 08/04/9	9
2.56	DEF	PTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' -	1600'	8 5/8"	24#	J-55		11"
CASING:	0' -	7200'	4_1/2"	11.6#, 9.5#	J-55		7 7/8"
CASING:							
TUBING:							
TUBING:							



CURRENT

PROPOSED

OPERATOR: ARCO OIL AND GAS COMPANY PLUGGED & ABANDONED 12/06/87

CEMENT PLUG: SURFACE-425' WITH 30 SXS CEMENT PLUG: 1294'-1650' WITH 25 SXS

8 5/8" CASING @ 1600' W/900 SXS. TOC @ SURFACE

CEMENT PLUG: 1894'-2250' WITH 25 SXS

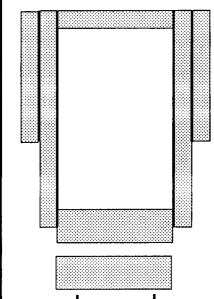
CEMENT PLUG: 2594'-2950' WITH 25 SXS

CEMENT PLUG: 3194'-3550' WITH 25 SXS

CIBP @ 6980', CAPPED WITH 25 SXS CEMENT - TOC @ 6624' ABO PERFORATIONS: 7042'-7058' (OA) - 32 HOLES PBTD @ 7165'

4 1/2" CASING @ 7200' W/1300 SXS. TOC @ SURFACE TD @ 7200'

WELL NAME:	TURNER "B" #58		FIELD: GRAY	BURG-JACKS	ON	
LOCATION: 16	550'FNL & 660'FWL, SEC 29-	T17S-R31E	COUNTY: EDI	ΟY		STATE: NM
ELEVATION: 0	GL=3644'; KB=UNK		SPUD DATE: (	07/27/59	COMP DATE:	01/07/60
API#: 30-015-0	05445 PREPARED	BY: C.H. CARLE	TON		DATE: 10/07/9	96
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 230'	13 3/8"	35.6#			17 1/2"
CASING:	0' - 3825'	9 5/8"	36,40#	J-55		12 1/4"
CASING:	5003' - 9900'	5 1/2"	17#	J-55		8 3/4"
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR: DEVON ENERGY CORPORATION(NEVADA)

DATE PLUGGED: 10/12/71

CEMENT PLUG: 0'- 30' W/10 SXS

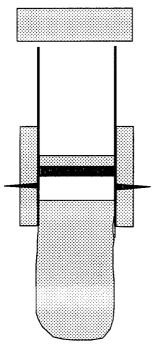
13 3/8" CASING @ 230' W/300 SXS. TOC @ SURFACE

CEMENT PLUG: 3787'- 3863' W/35 SXS

9 5/8" CASING @ 3825' W/2508 SXS. TOC @ SURFACE

CEMENT PLUG: 4895'- 5000' W/35 SXS

CUT 5 1/2" CASING @ 5003'



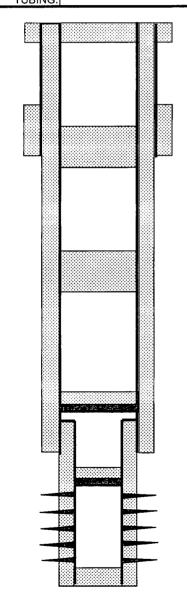
CIBP @ 9694' AND CAPPED WITH 20' CEMENT(3 SXS) PERFORATIONS 9759'- 9767' SQUEEZED W/200 SXS PBTD @ 9845'

5 1/2" CASING @ 9900' W/150 SXS. TOC @ 9430' (TEMP SURVEY)

OPEN HOLE: 9900'- 13,714'

TD @ 13,714'

WELL NAME: FRE	EN OIL COM	IPANY #10		FIELD: GRAYE	BURG-JACKSO	ON .	
LOCATION: 990'F	SL & 330'FE	L, SEC 19-T17	S-R31E	COUNTY: EDI	ΟY		STATE: NM
ELEVATION: GL=	:3599'; KB=L	JNK	•	SPUD DATE: (	01/05/47	COMP DATE:	01/31/47
API#: 30-015-052	58	PREPARED E	Y: C.H. CARLE	TON		DATE: 11/26/0	)1
A Company of the Company	DE	PTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' -	494'	8 5/8"	24#			
CASING:	0' -	1780'	7"	20#			
CASING:	1715' -	3308'	4 1/2"	9.5#			6 1/4"
TUBING:							
TURING							



CURRENT

PROPOSED

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. PLUGGED & ABANDONED: 11/21/01

CEMENT PLUG: 0'-50', CIRC. TO SURFACE OUTSIDE 8 5/8" ANNULUS. CEMENT PLUG: 450'-565'

8 5/8" CASING @ 494' W/75 SXS. TOC @ 300' (calculated)

CEMENT PLUG: 1178'-1300'

CIBP @ 1700' & CAPPED WITH 10 SXS CEMENT

7" CASING @ 1780' W/130 SXS. TOC @ SURFACE

CIBP @ 2864' & CAPPED WITH 5 SXS CEMENT

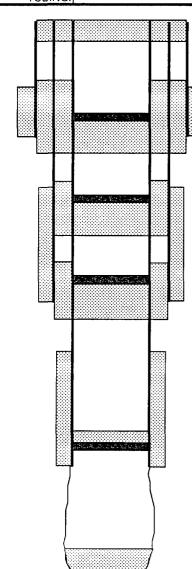
PERFORATIONS: 2925'- 3248'(OA) - 182 HOLES

PBTD @ 3255'

4 1/2" LINER @ 1715'- 3308' W/225 SXS. TOC @ LINER TOP

TD @ 3308'

WELL NAME: FRIESS FEDERAL #2			FIELD: GRAYBURG-JACKSON			
LOCATION: 1980'F	SL & 1980'FEL, SEC 19-	-T17S-R31E	COUNTY: ED	DY		STATE: NM
ELEVATION: GL=3	603'; KB=UNK		SPUD DATE:	07/18/44	COMP DATE:	: 09/01/44
API#: 30-015-05268	PREPARED	BY: C.H. CARLE	TON		DATE: 12/04/	01
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 470'	8 1/4"	28#			
CASING:	0' - 1804'	7"	20#			
CASING:	0' - 2980'	5 1/2"	14#	H-40, J-55	ST&C	6 1/4"
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. DATE PLUGGED: 12/03/01

CEMENT PLUG: 0'-50' WITH 50 SXS

PERFORATE 5 1/2" CASING @ 50' WITH 4 HOLES

CEMENT RETAINER @ 420', PUMPED 150 SXS BELOW RETAINER

8 1/4" CASING @ 470' W/50 SXS. TOC @ 290'(calculated) PERFORATE 5 1/2" CASING @ 520' WITH 4 HOLES

CEMENT RETAINER @ 1130', PUMPED 50 SXS BELOW RETAINER

PERFORATE 5 1/2" CASING @ 1240' WITH 4 HOLES

CEMENT RETAINER @ 1750', PUMPED 200 SXS BELOW RETAINER 7" CASING @ 1804' W/100 SXS. TOC @ 1000'(calculated)
JET CUT 5 1/2" CASING @ 1846' & 1850'

NOTE: 9.5ppg MUD SPOTTED BETWEEN CEMENT PLUGS.

CIBP @ 2950' & CAPPED WITH 5 SXS CEMENT 5 1/2" CASING @ 2980' W/45 SXS. TOC @ 2360'(calculated)

4 3/4" OPEN HOLE COMPLETION: 2980'- 3122'

PBTD @ 3122' (CEMENT PLUG)

TD @ 3255'

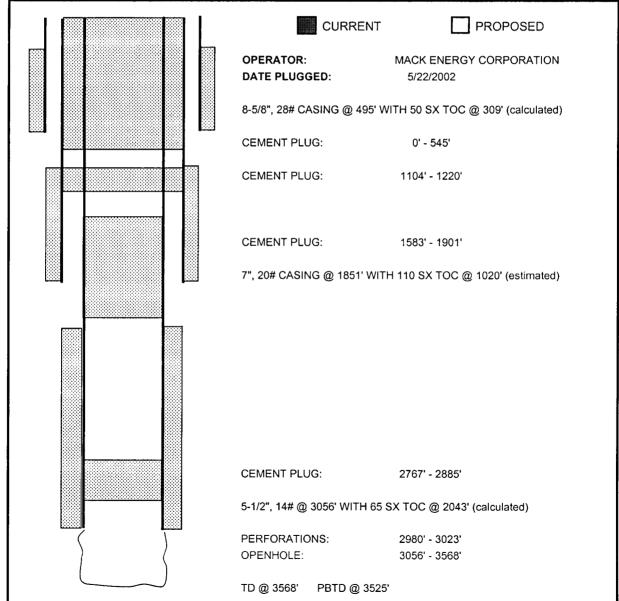
#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #13 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 660'FSL & 660'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3628'; KB=UNK SPUD DATE: 05/28/44 COMP DATE: 08/13/44 API#: 30-015-05285 PREPARED BY: C.H. CARLETON DATE: 10/05/96 **GRADE** THREAD HOLE SIZE DEPTH SIZE WEIGHT CASING: 0' - 534' 20# 14# CASING: 0' - 1891' 5 1/2" CASING: TUBING: **TUBING:** CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 10/20/86 PERFORATE & SQUEEZE @ 109' WITH 125 SXS. CEMENT TO SURFACE. PERFORATE & SQUEEZE @ 530' WITH 300 SXS. TOC @ 326' 7" CASING @ 534' W/50 SXS. TOC @ 130' (calculated) CEMENT RETAINER @ 1198', PUMP 150 SXS BELOW & CAP W/62' CMT. PERFORATE 5 1/2" CASING @ 1310' CEMENT PLUG: 1688'- 1958' 5 1/2" CASING @ 1891' W/100 SXS. TOC @ 520' (calculated) TOP OF FISH @ 1958' (PARTED TUBING) OPEN HOLE COMPLETION: 1891'- 2051' TD @ 2051'

### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) WELL NAME: TURNER "B" #15 LOCATION: 1980'FNL & 660'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3625'; KB=UNK; DF=UNK SPUD DATE: 08/31/44 COMP DATE: 11/04/44 API#: 30-015-05287 PREPARED BY: C.H. CARLETON DATE: 10/05/96 THREAD **HOLE SIZE DEPTH** SIZE WEIGHT GRADE 8 1/4" CASING: 0' - 510' 7" 0' - 1875' CASING: 20# CASING: TUBING: **TUBING** PROPOSED CURRENT OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 10/10/86 CEMENT PLUG: 0'- 500' PERFORATE 7" CASING @ 500' 8 1/4" CASING @ 510' W/50 SXS. TOC @ 330' (calculated) CEMENT RETAINER @ 1244', PUMP 150 SXS BELOW & CAP W20' CMT. PERFORATE 7" CASING @ 1300' CEMENT RETAINER @ 1801', PUMP 150 SXS BELOW & CAP W/60' CMT. 7" CASING @ 1875' W/100 SXS. TOC @ 1070' (calculated) OPEN HOLE COMPLETION: 1875'- 1949' TD @ 1949'

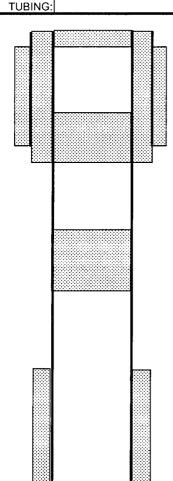
#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) WELL NAME: TURNER "B" #16 COUNTY: EDDY STATE: NM LOCATION: 1980'FNL & 1980'FWL, SEC 20-T17S-R31E SPUD DATE: 11/02/44 COMP DATE: 12/31/44 ELEVATION: GL=3713'; KB=UNK DATE: 10/05/96 API#: 30-015-05288 PREPARED BY: C.H. CARLETON THREAD HOLE SIZE **DEPTH** SIZE WEIGHT **GRADE** 8 5/8" 24# 10" CASING: 0' - 536' 8" CASING 0' - 1876' 7" 20# CASING: TUBING: **TUBING** PROPOSED CURRENT OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 07/03/86 CEMENT PLUG: 0'- 530' PERFORATE 7" CASING @ 530' 8 5/8" CASING @ 536' W/50 SXS. TOC @ 300' (calculated) CEMENT PLUG: 530'- 1450' CIBP @ 1850', CAP WITH 115 SXS. 7" CASING @ 1876' W/100 SXS. TOC @ 1070' (calculated) OPEN HOLE COMPLETION: 1876'- 1974' TD @ 1974'

### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: TURNER "B" #17 FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 1980'FSL & 1980'FWL, SEC 20-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3662'; KB=UNK SPUD DATE: 11/12/44 COMP DATE: 02/01/45 API#: 30-015-05289 PREPARED BY: C.H. CARLETON DATE: 10/05/96 WEIGHT **GRADE** THREAD HOLE SIZE DEPTH SIZE CASING: 0' - 600' 7" 24# CASING: 0' - 1945' 5 1/2" 14# CASING: TUBING: TUBING: CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) DATE PLUGGED: 11/12/86 CEMENT PLUG: 0'- 800' CEMENT RETAINER @ 408', PUMP 100 SXS BELOW & CAP W/15 SXS 7" CASING @ 600' W/50 SXS. TOC @ 200' (calculated) CEMENT PLUG: 590'- 1825' W/125 SXS CEMENT RETAINER @ 1887', PUMP 110 SXS BELOW 5 1/2" CASING @ 1945' W/100 SXS. TOC @ 570' (calculated) OPEN HOLE COMPLETION: 1945'- 2046' TD @ 2046'

WELL NAME:	STATE BK #2		FIELD:	PREMIER POO	DL	
LOCATION:	660' FSL & 539' FWL, SEC 19-	T17S-R31E	COUNTY:	EDDY	STATE:	NM
ELEVATION:	3606' KB		SPUD DATE:	8/24/1966	COMP DATE:	7/13/1944
API#:	30-015-05272	UPDATED BY:	JASON '	WACKER	DATE:	8/21/2003
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 495'	8-5/8"	28#		,	10"
CASING:	0' - 1851'	7"	20#		·	8"
CASING:	0' - 3056'	5-1/2"	14#			6-1/8"
TUBING:						
TUBING:						



WELL NAME:	STATE BK #4		FIELD:	FREN SEVEN	RIVERS	
LOCATION:	990' FSL & 906' FWL, SEC 19-	T17S-R31E	COUNTY:	EDDY	STATE:	NM
ELEVATION:	UNK		SPUD DATE:	6/4/1947	COMP DATE:	7/18/1947
API#:	30-015-05274	UPDATED BY:	JASON ¹	WACKER	DATE:	8/15/2003
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 505'	8-5/8"	28#			12"
CASING:	0' - 1906'	5-1/2"	14#	·		8"
CASING:						
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR:

MACK ENERGY CORPORATION 11/17/1999

DATE PLUGGED: CEMENT PLUG:

0' - 30'

CEMENT PLUG:

322' - 475'

8-5/8" CASING @ 505' WITH 50 SX TOC @ 319' (calculated)

CEMENT PLUG:

1235' - 1350'

CEMENT PLUG:

1652' - 1942'

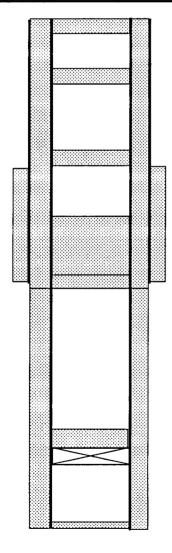
5-1/2", 14# @ 1906' WITH 75 SX TOC @ 1652' (calculated)

OPEN HOLE:

1906' - 1982'

TD @ 1982'

WELL NAME:	FREN OIL CO #16	·	FIELD:	CEDAR LAKE	ABO	
LOCATION:	990' FSL & 355' FWL, SEC 19-	T17S-R31E	COUNTY:	EDDY	STATE:	NM
ELEVATION:	3609' KB		SPUD DATE:	8/24/1961	COMP DATE:	9/16/1961
API#:	30-015-05262	UPDATED BY:	JASON	WACKER	DATE:	8/21/2003
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 1503'	8-5/8"	24#			10-5/8"
CASING:	0' - 7067'	5-1/2"	15.5#			7-7/8"
CASING:						
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR: DATE PLUGGED: MARBOB ENERGY CORPORATION 3/4/1996

CEMENT PLUG:

0' - 60'

CEMENT PLUG:

234' - 475'

CEMENT PLUG:

762' - 1054'

CEMENT PLUG:

1054' - 1410'

CEMENT PLUG:

1410' - 1450'

8-5/8", 24# CASING @ 1503' WITH 400 SX TOC @ XXX' (calculated)

CIBP @ 6918' WITH 166' OF CEMENT ON TOP

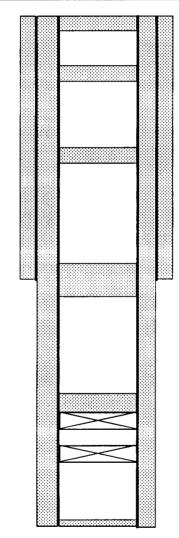
PERFORATIONS:

6972' - 6998'

5-1/2", 15.5# @ 7067' WITH 1050 SX TOC @ 1640' (CBL)

TD @ 7067'

WELL NAME:	FREN OIL CO #17		FIELD:	CEDAR LAKE	ABO	
LOCATION:	900' FSL & 1980' FEL, SEC 19	-T17S-R31E	COUNTY:	EDDY	STATE:	NM
ELEVATION:	3595' DF		SPUD DATE:	12/11/1961	COMP DATE:	1/1/1962
API#:	30-015-05263	UPDATED BY:	JASON ¹	WACKER	DATE:	8/21/2003
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 1489'	8-5/8"	24#			
CASING:	0' - 7029'	4-1/2"	9.5# & 10.6#			
CASING:						
TUBING:						
TUBING:		-				



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PROPOSED

OPERATOR: DATE PLUGGED: MARBOB ENERGY CORPORATION

CEMENT PLUG:

0' - 60'

3/8/1996

CEMENT PLUG:

146' - 425'

CEMENT PLUG: 596' - 875'

CEMENT PLUG:

1235' - 1540'

8-5/8", 24# CASING @ 1489' WITH 572 SX CIRC TO SURFACE

CIBP @ 6825' WITH 369' OF CEMENT ON TOP

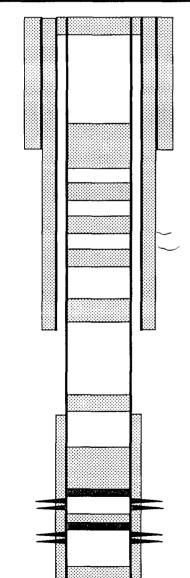
CIBP @ 6875'

PERFORATIONS: 6928' - 6966'

4-1/2", 9.5# & 11.6# @ 7029' WITH 1200 SX CIRC TO SURFACE

TD @ 7036'

WELL NAME: TURNER "B" #65			FIELD: CEDAR LAKE ABO			
LOCATION: 330' FS	L & 1980' FWL, SEC 20	)-T17S-R31E	COUNTY: EDD	Υ		STATE: NM
ELEVATION: GL=36	676'; KB=UNK		SPUD DATE: 0	3/25/60	COMP DATE: 05/20/60	
API#: 30-015-05299	PREPARED	BY: C.H. CARLE	ETON	_	DATE: 08/19/	99
A Section of the Control of the Cont	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 477'	13 3/8"	48#,35.6#			
CASING:	0' - 3800'	8 5/8"	32#,24#			
CASING:	0' - 7497'	4 1/2"	11.6#,9.5#			
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR: MARBOB ENERGY CORPORATION PLUGGED AND ABANDONED 08/06/98

CEMENT PLUG: SURFACE- 65' WITH 10 SXS
CEMENT PLUG: 269'- 588' WITH 20 SXS (TAGGED)
13 3/8" CASING @ 477' W/795 SXS. TOC @ SURFACE

CEMENT PLUG: 688'- 1247' WITH 20 SXS (TAGGED)

CEMENT PLUG: 1581'- 1870' WITH 20 SXS (TAGGED)

CEMENT PLUG: 2204'- 2493' WITH 20 SXS (TAGGED)

CEMENT PLUG: 3451'- 3740' WITH 20 SXS (TAGGED) 8 5/8" CASING @ 3800' W/3300 SXS. TOC @ SURFACE

CEMENT PLUG: 4500'- 4789' WITH 20 SXS (TAGGED)

CIPB @ 6855' AND CAPPED WITH 20 SXS CEMENT. TOC @ 6566' ABO PERFORATIONS: 6891'- 7048' (38 HOLES)
CIBP @ 7098', CAPPED WITH 30' CEMENT
ABO PERFORATIONS: 7122'- 7128' (12 HOLES)
OLD PERFS: 7120'-32', 7136'-40', 7144'-52' SQUZ'D OFF W/100 SXS

4 1/2" CASING @ 7497' W/500 SXS. TOC @ 4800'(TEMP SURVEY)

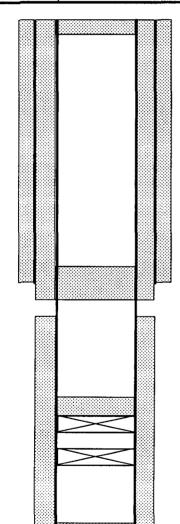
TD @ 7497' PBTD @ 7409'

#### **MERIT ENERGY COMPANY WELLBORE SCHEMATIC** WELL NAME: OXY CHOCOLATE MOOSE #1 FIELD: LOCATION: 1600' FSL & 990' FWL, SEC 20-T17S-R31E COUNTY: **EDDY** STATE: ELEVATION: 3634' GL SPUD DATE: COMP DATE: DRY HOLE 12/18/2001 30-015-32119 UPDATED BY: API#: JASON WACKER DATE: 8/21/2003 DEPTH SIZE WEIGHT **GRADE** THREAD **HOLE SIZE** CASING: 0' - 445' 13-3/8" 48# H-40 17-1/2" CASING: 12-1/4" CASING: TUBING: TUBING: CURRENT PROPOSED **OPERATOR:** OXY USA WTP LIMITED PARTNERSHIP DATE PLUGGED: 1/8/2002 CEMENT PLUG: 0' - 495' 13-3/8" CASING @ 445' WITH 500 SX, CIRC TO SURFACE CEMENT PLUG: 1396' - 1496' CEMENT PLUG: 2530' - 2690' 9-5/8" CASING FISH @ 2640' TD @ 4550'

#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: MAX FRIESS #3-X FIELD: GRAYBURG-JACKSON(SEVEN RIVERS) LOCATION: 335'FNL & 2970'FEL, SEC 30-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3579'; KB=UNK SPUD DATE: 04/06/47 COMP DATE: 04/21/47 PREPARED BY: C.H. CARLETON API#: 30-015-05467 DATE: 07/13/99 DEPTH SIZE WEIGHT **GRADE THREAD HOLE SIZE** CASING: 0' - 435' 8 5/8" 24# 1550' - 1954' CASING: 5 1/2" 14# CASING: TUBING: TUBING: CURRENT PROPOSED **OPERATOR: SCHUSTER & SCHUSTER DATE PLUGGED: 06/07/56** CEMENT PLUG AT SURFACE (AMOUNT OF CEMENT USED UNKNOWN) CEMENT PLUG: 360'- 400' WITH 10 SXS 8 5/8" CASING @ 435' W/50 SXS. TOC @ 200' (calculated) CEMENT PLUG: 1220'- 1250' CEMENT PLUG: 1545'- 1560' CUT 5 1/2" CASING @ 1550' CEMENT PLUG: 1850'- 1950' WITH 10 SXS 5 1/2" CASING @ 1954' W/100 SXS. TOC @ 1570' (calculated) OPEN HOLE COMPLETION: 1954'- 2033' TD @ 2033'

#### **DEVON ENERGY CORPORATION** WELLBORE SCHEMATIC WELL NAME: FRIESS FEDERAL #1 FIELD: GRAYBURG-JACKSON LOCATION: 2310'FSL & 1650'FEL, SEC 19-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: GL=3609'; KB=UNK SPUD DATE: 09/15/41 COMP DATE: 04/15/42 PREPARED BY: C.H. CARLETON DATE: 06/18/97 API#: 30-015-05267 **DEPTH** SIZE WEIGHT **GRADE THREAD** HOLE SIZE CASING: 0' - 465' 8 1/4" 28# 10" CASING: 0' - 2719' 7" 24# CASING: TUBING: TUBING: CURRENT PROPOSED OPERATOR: DEVON ENERGY CORPORATION(NEVADA) **DATE PLUGGED: 06/07/97** CEMENT PLUG: 0'- 50' W/50 SXS CEMENT PLUG: 400'- 500' W/200 SXS 8 1/4" CASING @ 465' W/50 SXS. TOC @ 290' (calc) PERFORATE 7" CASING @ 500' WITH 4 HOLES CEMENT RETAINER @ 1163', PUMP 100 SXS BELOW & CAP W/10 SXS. PERFORATE 7" CASING @ 1236' WITH 4 HOLES CIBP @ 1854', CAP W/10 SXS. PERFORATIONS: 1901'- 1974' (OA) CEMENT RETAINER @ 2368', PUMP 300 SXS BELOW & CAP W/10 SXS. 7" CASING COLLAPSED @ 2442' 7" CASING @ 2719' W/100 SXS. TOC @ 1910' (calc) OPEN HOLE: 2719'- 3470' TD @ 3520'

WELL NAME:	FREN OIL CO #20		FIELD:	CEDAR LAKE	ABO	
LOCATION:	900' FSL & 1980' FWL, SEC 19	9-T17S-R31E	COUNTY:	EDDY	STATE:	NM
ELEVATION:	3596' DF		SPUD DATE:	5/27/1962	COMP DATE:	6/17/1962
API#:	30-015-05266	UPDATED BY:	JASON	WACKER	DATE:	8/21/2003
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 1439'	9-5/8"				
CASING:	0' - 7113'	4/1/2"				
CASING:						
TUBING:						
TUBING:						



	CL	IRR	ENT
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PROPOSED

OPERATOR: DATE PLUGGED: MARBOB ENERGY CORPORATION

3/8/1996

CEMENT PLUG:

0' - 62'

TOE @ 1910, PERE 1450

CEMENT PLUG:

1350' - 1550' - 12554

9-5/8" CASING @ 1439' WITH 375 SX

CIBP @ 6800' WITH 35' OF CEMENT ON TOP

PERFORATIONS:

6829' - 6897'

CIBP @ 6920'

PERFORATIONS:

6928' - 7086'

4-1/2", 9.5# & 11.6# @ 7013' WITH 1200 SX, TOC @ 2122'

TD @ 7115'

Form 9-331 Dec. 1973	Form Approved. Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	LC-031844
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a difference reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas	Fren Oil Co.
well x well - other	9. WELL NO.
2. NAME OF OPERATOR ARCO Oil & Gas Co. Division of Atlantic Richfield Co.	20
Division of Atlantic Richfield Co.	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Cedar Lake Abo
P. O. Box 1710, Hobbs, New Mexico 88240	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.) AT SURFACE: 900' FSL & 1980' FWL	19-17S-31E
AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH: As above	Eddy New Mexico
25072	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3610' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	3010 GK
SHOOT OR ACIDIZE	F10W Report remaining the property of the prop
(other)	H.S. DEMENDINAL CHOICH
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly st including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertin Rigged up on 5/11/80. Ran bit to 6868', tagged	ent to this work.)*
30 min. OK. Tested bradenhead to 750#, bled of	fin 9 min
Ran CBL 2400' to surf. TOC bond @ 2122'. Ran S	I III o mins.
an che 2400 to sair. Toe bond e 2122 . Ran s	onarog, indicated fluid movement @ 220
RIH w/ RBP, set BP @ 2308'. Spot 3 sx sd on top	
Perf'd $4-\frac{1}{2}$ " squeeze holes @ 2110'. Pmpd into for	rm moble to city to a constant
vtr, Fren Oil Co. #7 offset well began flwg from	haden head
Pmpd dn tbg on Fren Oil Co #20 & cmt circ up sur	f pine on Even Oil Co. #7 . B . 1000
Cl "C" cmt w/1.6% gel & 250 sx Cl "H" cmt.  Cmt c Dil Co. #7 after pmpg 750 sx cmt.  Pmpd 50 sx cm	irc after 750 sx cmt. Cmt circ in Fre t to pit. Shut surf value on Fren Oil
Co. $\#7$ & pmpd 500 sx cmt into form. On Fren Oi $value$ . Cmt circ bac $^{ m k}$ up in cellar. Ran temp su	1 Co. #20 pmpd 150 sx C1 "H" cmt dn su
Subsurface Safety Valve: Manu. and Type	· · ·
18. I hereby certify that the foregoing is true and correct	
Signer Dist. Drlg.	5 (00 (00
virus Dist. Drlo.	Supt. 5/28/80

TITLE Dist. Drlg.

(This space for Federal or State office use)

APPROVED GEORGE H STEWART CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

a 1980

## Instructions

law and reports of such operations when completed, as indicated, Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. submitting proposals to perform certain well operations, to applicable Federal General: This form is designed

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. State or Federal office for specific instructions. Item 4: If there are

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment

6. Drld cmt 1972-2054. Press tested squeeze job to 500#, press bled off.

7. RIH w/FBP set pkr @ 1800'. Pmpd 65 sx C1 "H" cmt, 16% gel, 35# salt 5# KCL/sk. RO 30 bbl cmt with 750# press on csg on Fren Oil Co. #7, press up to 2500# on Fren Oil Co. #20, held 30 mins, WOC. Drld cmt 1830-2054', no cmt across perfs @ 2110', small wtr flow @ surf. Set pkr @ 1800' unable to pump into perfs @ 2110' w/2000#.

8. Ran CBL 2150' to surf. TOC bond @ 1948'. Circ sd off BP. POH w/BP. Disp hole w/treated wtr. Spotted cmt plug 2000-2200', press up to 500# for 30 mins, OK. Installed well head, 8' nipple, closed surf value & TA 5-26-80.

FINAL REPORT.

GPO : 1976 O - 214-149

clsf

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June 1990) THEDADTMEN	TED STATES T OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
8 35 A BUREAU OF L	LAND MANAGEMENT	5. Lease Designation and Serial No.
	AND REPORTS ON WELLS	LC-031844  6. If Indian, Allottee or Tribe Name
Do not use this form for proposals to dri	III or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals	
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well  Soli Gas Well Well Other		8. Well Name and No.
2. Name of Operator		FREN OIL COMPANY #20
Marbob Energy Corporation		9. API Well No.
3. Address and Telephone No.	88210 505-748-3303	30-015-05266
P. O. Drawer 227, Artesia, NM  4. Location of Well (Footage, Sec., T., R., M., or Survey Do		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 1., R., M., of Survey De	escription)	CEDAR LAKE ABO  11. County or Parish, State
900 FSL 1980 FWL, SEC 19-T178		11. County of Parish, State
900 FSE 1900 FWE, SEC 19-1175	S-RSIE UNII N	Eddy County, NM
12 CHECK APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPO	
	5) TO INDICATE NATURE OF NOTICE, REPO	ONI, ON OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	1
Notice of Intent	Abandonment	Change of Plans
i	Recompletion	New Construction
XX Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water (Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
	Il pertinent details, and give pertinent dates, including estimated date of startical depths for all markers and zones pertinent to this work.)*	ing any proposed work. If well is directionally drilled,
	00', DUMP 35' CMT ON CIBP, PERF 2 SQZ	
	5 SX CMT PLUG 1550-1350', SET 62' SUR	
	HEAD & ANCHOR. INSTALL DRY HOLE MARK	and the second s
RECEIVED VERBA W/PLUGGING PRO	AL APPROVAL FROM SHANNON SHAW W/BLM TOCEDURE ON 2/28/96.	O PROSEED 0 1 1996
	,	oil Coal Div.
		1
	Approved as to high Uability under bond is must see re-coration is	(Barriet rimits)
14. I heraby certify that the foregoing is true and correct/ Signed	Title PRODUCTION CLERK	Date3/8/96
(This space for Federal or State office use)  Approved by (ORNG. SCD.) JOE G.  Conditions of approval, if any:	LARA Tide PETROLEUM ENGINEE	Date 3/28/96

#### **MERIT ENERGY COMPANY WELLBORE SCHEMATIC** FIELD: **GRAYBURG JACKSON POOL** WELL NAME: STATE BK #6 LOCATION: 990' FSL & 744' FWL, SEC 19-T17S-R31E COUNTY: EDDY STATE: NM ELEVATION: 3617' GL SPUD DATE: 9/20/1962 COMP DATE: 11/6/1962 UPDATED BY: API#: 30-015-05269 JASON WACKER DATE: 8/21/2003 THREAD HOLE SIZE DEPTH SIZE WEIGHT **GRADE** CASING: 0' - 1252' 8-5/8" 24# 11-1/4" CASING: 0' - 7087 4-1/2" 10.5# & 9.5# 7-7/8" CASING: TUBING: TUBING: CURRENT PROPOSED **OPERATOR:** MACK ENERGY CORPORATION DATE PLUGGED: 1/1/2001 CEMENT PLUG: 0' - 535' CEMENT PLUG: 1153' - 1352' INSIDE 1246' - 1352' OUTSIDE 8-5/8", 24# CASING @ 1252' WITH 200 SX TOC @ 813' (calculated) 3 CIBP @ 3120', 2924, AND 2244' PERFORATIONS: 2857' - 3410' CIBP @ 3470' CIBP @ 6701' CEMENT PLUG: 2767' - 2885' PERFORATIONS: 7034' - 7046' 4-1/2", 10.5# & 9.5# @ 7088' WITH 870 SX TOC @ 4318' (calculated) TD @ 7088' PBTD @ 7079'

#### MACK ENERGY CORPORATION

STATE BK #6

Sec 19 T17S R31E 744FWL 990FSL
60' Surface Plug
8 5/8" 24# new @ 1252', C/w 200sks.
Perf Csg @ 1200', squeeze perfs w/50sx Tag Plug @ 1150'
TOC 1500'
CIBP @ 2244 W/35' Cement
Perforation 2857-3410
CIBP @ 3470 W/35' Cement
CIBP @ 6701 W/35' Cement
7034-7046' 2 JSPF 11-3-62
4 1/2" 9.5# & 10.5# new @ 7088' C/w 870sks.

•			03031-123		
Submit 3 Copies to Appropriate District Office	State of New Me Energy, Minerals and Natural Re	esources Departments	OCAFECE, 2001	Form C-103 Revised 1-1-89	
<u>DISTRICT !</u> P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATIO	<u> </u>	WELL API NO. 5.		
<u>DIŞTRICT II</u> P.O. Drawer DD, Artesia, NM 88210	Santa Fe, NM 87	7505	61 81 LL 9	STATE FEE	
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			eState Off & Gas Leas B-3627		
SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  (FORM C-101) FOR SUCH PROPOSALS.)			7Lease Name or Unit Agreement Name State BK		
1Type of Well: OIL GAS WELL ☑ WELL ☐	OTHER				
*Name of Operator Mack Energy Corporation, Inc.	, Inc.			#Well No. 6	
Address of Operator Post Office Box 693, Artesia, NM 88211-0360			Pool name or Wildcat Grayburg, Jackson, RVRS,QN,GB,SA.		
Well Location Unit Letter M : 990	Feet From The South	Line and 744	Feet From The	West Line	
19 Section 17S		Range	NMPM	Eddy county	
	10Elevation (Show whether DF,	RKB, RT, GR, etc.)			
11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data					
NOTICE OF INTENTION TO:			SEQUENT RE	PORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		ALTERING CASING	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING O	PNS.	PLUG AND ANBANDONMENT	
PULL OR ALTER CASING		CASING TEST AND CEME	ENT JOB	_	
**Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent detes, including estimated date of starting any proposed work) SEE RULE 1103.  1 . 12/31/00 Tagged plug @ 2210' circlate hole w/ 9.8# mud 2 . 12/31/00 Perf. 4 holes @ 1352' set pkr. @ 948' sqz. 50sxs. class "C" neat cmt woc tagged @ 1153' 3 . 1/1/01 perf 4 holes @ 535' circlate cmt. to surface in & out 4 1/2 ( 120 sxs. class "C" neat cmt ). 4. Install Dry Hole Marker.					
I hereby certify that the information above in SIGNATURE	is true and complete to the best of my knowled	tge and belief.	Pall	DATE 01-01	
TYPE OR PRINT NAME ROGET D. Brooks	5	-	-	TELEPHONE NO. 915-580-7161	

APPROVED BY MILE FROM THE FOR THE HILL RECT POPT DATE 4/16/201