

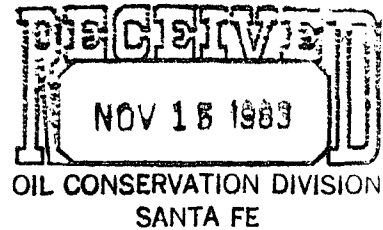


SOHIO PETROLEUM COMPANY

MIDLAND, TEXAS 79705
10 DESTA DRIVE - SUITE 600 WEST
~~1-915~~ 915-688-9200

November 4, 1983

Mr. Joe D. Ramey
Division Director
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501



Re: Application of Sohio Petroleum
Company for approval of downhole
commingling in the Hinton "14"
Well No. 8 (Unit J, Sec 12, T-
22-S, R-37-E), Drinkard and Wantz
Granite Wash Pools Lea County,
New Mexico

Dear Mr. Ramey,

Sohio respectfully requests your administrative approval for an exception to Statewide Rule 303-A to permit downhole commingling of production in the subject well from the Drinkard and Wantz Granite Wash Pools.

Sohio recieved verbal approval to downhole commingle the production in the subject well while load oil was being recovered by rod pumping methods. The Drinkard and Granite Wash formations are classified as oil zones with ownership of the two zones being common. The total daily oil production from both zones does not exceed 50 barrels per day, and neither zone produces more water than the combined oil limit. Please note that Sohio's Hinton "12" Well No. 13 (Unit L, Sec 12, T-22-S, R-37-E) is already downhole commingled in the Drinkard and Wantz Granite Wash Pools as per Administrative Order DHC - 257.

The additional information concerning this application as outlined in Statewide Rule 303-C is attached for your consideration.

Yours very truly,
SOHIO PETROLEUM COMPANY

D. R. Lutton
District Production Superintendent
Midland District

DRL/ay

cc: ROD

- A. Operator:
Sohio Petroleum Company
10 Desta Drive, Suite 600 West
Midland, Texas 79705
- B. Lease:
Hinton "14" Well No. 8 (Drinkard & Wantz Granite Wash Pools)
Unit J, Sec 12, T-22-S, R-37-E
Lea County, New Mexico
- C. The well is completed in the Drinkard and Wantz Granite Wash Pools as a temporary single completion by verbal authority while treatment load oil was being recovered. See attachment No. 1.
- D. The C-116 for the two zones is included as Attachment No. 2.
- E. The Hinton "14" - No. 8 is a newly completed well and has no production history. A detailed history is included as Attachment No. 3 and gives completion and treatment information. The expected future production is included as Attachment No. 4.
- F. Bottom Hole Pressure Data:
No BHP's are available. The two zones must be artificially lifted and the Drinkard and Granite Wash Formations are believed to exhibit similar BHP's of approximately 1300 psi to 1400 psi.
- G. Fluid Characteristics:
There is no evidence of fluid incompatibility. Sohio's Hinton "12" No. 13 (Unit L, Sec 12, T-22-S, R-37-E) is already downhole commingled in the Drinkard and Wantz Granite Wash Pools as is Sun's Walter Lynch No. 2L in Unit L, Sec 1, T-22-S, R-37-E and Gulf's Hugh No. 10 in Unit C, Sec 14, T-22-S, R-37-E.
- H. Value of Commingled Fluids:
Since Drinkard and Granite Wash production is already surface commingled as per Administrative Order PC-485, the value of both crudes will not be affected by downhole commingling in the Hinton "14" - No. 8.
- I. Allocation Formulas:

$$X = (Y/Z) (100)$$

where X = percent allocation of commingled production to desired zone

Y = latest daily oil rate of desired zone, BOPD

Z = total combined Drinkard and Wantz Granite Wash daily oil rate, BOPD

Wantz Granite Wash:

$$X = \frac{11}{(4 + 11)} (100) = 73.33\%$$

Drinkard:

$$X = \frac{4}{(4 + 11)} (100) = 26.67\%$$

J. Offset Operators:

1. Gulf Oil Exploration and Production Co.
Box 670
Hobbs, New Mexico 88240
2. Samedan Oil Corp.
900 Wall Towers East
Midland, Texas 79701
3. John H. Hendrix Corp.
525 Midland Tower
Midland, Texas 79701
4. Exxon
1700 West Broadway
Andrews, Texas 79714
5. Mobil
P. O. Box 1800
Hobbs, New Mexico 88240
6. Arco Oil & Gas
P. O. Box 1610
Midland, Texas 79702
7. Sun Exploration and Production Company
P. O. Box 1861
Midland, Texas 79702
8. Marathon
P. O. Box 2409
Hobbs, New Mexico 88240
9. Petro-Lewis Corporation
P. O. Box 836
Eunice, New Mexico 88231
10. D. M. Norman, (Geol.)
606 West Tennessee
Midland, Texas 79701
11. American Petrofina Company of Texas
P. O. Box 1311
Big Spring, Texas 79720

Page 3

J. Offset Operators:

12. Texaco, Inc.
P. O. Box 728
Hobbs, New Mexico 88240

Gulf D/R

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea	
Sohio Petroleum Company		Drinkard & Wantz Granite Wash					
Address				10 Desta Drive, Suite 600 West, Midland, Texas 79705		TYPE OF TEST - (X)	
LEASE NAME				WELL NO.		LOCATION	
				U		S	
				T		R	
				DATE OF TEST		CHOKE SIZE	
				TBG. PRESS.		DAILY ALLOW-ABLE	
				LENGTH OF TEST HOURS		PROD. DURING TEST	
				WATER BBL.S.		GRAV. OIL BBL.S.	
				GAS M.C.F.		GAS - OIL RATIO CU. FT/BBL.	
Hinton "14"				8		J	
Drinkard Pool				12		22-S	
Wantz Granite Wash Pool				37-E		10/25/83	
				---		---	
				---		---	
				---		---	
				15		24	
				4		24	
				11		24	
				6		40	
				15		4	
				210		63	
				147		13,363	
				14,000		15,750	

No well will be assigned an allowable greater than the amount of oil produced on the official test.

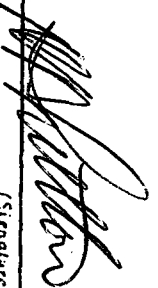
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowances when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 331 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.


(Signature)
D.R. Lutton
Dist. Prod. Supt.

(Title)
11/7/83

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

Drinkard, Wantz Granite Wash Field,
Hinton 14-8 (AFE 33-2088)Unit J, Sec. 12, T22S, R34E,
Lea County, New Mexico

7500' Drinkard/Granite Wash Dual

Deepen from 5219' (SPC 33.3333%)

Rig: W.E. Myers Spud:

Contract: Daywork FRR:

Mud: Runnels Type: Salt Wtr Gel

Casing: 13-3/8" @ 155', 8-5/8" @ 2761',

5-1/2" @ 5206'

Committed (DHC) \$153,200/51,067

Committed (PWC) \$339,000/113,000

REMARKS

Hinton 14-#8. AFE 33-2088. Developmental deepening from Paddock to
Granite Wash. FIRST REPORT

1983

5-10 - MIRU Service Unit, unset pump. POH w/127-3/4" rods, 77-5/8"
rods & pump 6' GA. Install BOP, POH w/tbg 169 jts 2-3/8" 8rd
EUE. Perf sub was broken off.

5-11 - RU & test 2-3/8" tbg in hole to 5000# burst.

AFE \$339,000

STD \$4,852

5-17 - RU Dia-Log. Ran csg inspection Log (Dia-log Profile Caliper)
5100' to surface. Move work string to Hinton #14. SWI. RDMO.

AFE \$339,000

STD \$7,453

5-26-83

Building Location

5-27-83

Finish location. Start move in Deepening Rig.

5-28-83

Fishing inside casing. Mud type Brine Water
MW 10, Vis 28.RURT WIH with Mill and jars, DC's on 2-7/8". Tag
fish @ 5178'. Milled and washed 2-1/2'. POH.Retrieved 29" 2-3/8" perf nipple hung in mill. SIH
w/wash pipe, 4-3/4 x 4-1/2 clusterite shoe, bumper
sub, jars and DC's. Started back in hole.

5-29-83 (1)

5285' (66') Trip to change out bit. Formation lm
Mud Type Brine, MW 10, Vis 28, PH 9.5FIH w/washpipe. Went to 5180' milled 1-1/2' hard
and then washed to 5219' or Csg point. Cored 6"
into cement w/mill. Recovered mud anchor, 1 jt.2-3/8" tbg, one bull plug and 6" cement and
formation. WBIH w/drilling bit #1 (4-3/4" HTC
BR-5). Made 66' in 8-1/2 hrs T-4 B-3 G-I.

Commenced drilling @ 7:00 p.m. 5-28-83. POH

changed out bit. SBIH w/Bit #2 (4-3/4" HTC J-55)

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
5-30-83 (2)		
5398' (113')		Drlg 1m with Bit #2.
		Mud Type Brine, MW 10, Vis 28, PH 10.5.
5-31-83 (3)		
5508' (110')		Drlg 1m and sh. w/bit #3
		Mud Type Brine, MW 10, Vis 28, PH 10.5. Dev. 1-2 @
		5500'. POH changed out bit #2. Ran bit #3(4-3/4"
		Sec M89TF) Bit #2 (4-3/4" HTC J-55) made 215' in
		39-3/4 hrs. Graded T-2 B-2 G-I.
		Daily Cost \$ 42,279
		Cum Cost \$ 42,279 Cum Mud \$ 650
		Est Cost Cum Wtr \$2,700
6-01-83 (4)		
5735' (227')		Drlg. 1m & sh w/bit #3.
		Mud Type Brine, MW 10.0, Vis 28, PH 10.5
		Daily Cost \$13,924
		Cum Cost \$56,203 Cum Mud \$ 849
		Est Cost Cum Wtr \$2,700
6-02-83 (5)		
5936' (201')		Drlg. 1m & sh w/bit #3.
		Mud Type Brine, MW 10.0, Vis 28, PH 10.5
		Daily Cost \$ 9,448
		Cum Cost \$65,651 Cum Mud \$1,012
		Est Cost Cum Wtr \$3,105
6-03-83 (6)		
6028' (92')		Drlg. 1m & sh w/bit #4. Dev 1/2 @
		5960'. Mud Type Brine, MW 10.0, Vis 38, PH 9.5
		Mudded up, circ hole one time.
		Bit #3 (4-3/4 SEC M89TF) made 461' in 51-1/4 hrs
		Graded T-6 B-8 G-1/4.
		Daily Cost \$ 9,121
		Cum Cost \$74,772 Cum Mud \$3,208
		Est Cost Cum Wtr \$3,105
6-04-83 (7)		
6080' (52')		Drlg 1m & sh w/bit #5
		Mud type cut brine, mud wt 10.1, vis 37, PV
		7, YP 11, gels 5/7, pH 10, WL 18, ck 2/32,
		alk 6.0, cl 32400, solids 3.5. Bit trip @
		6073'. Bit #4 (4-3/4" Sec M89TF) made 112' in
		27-1/2 hrs, graded T-4 B-8 G-I.

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
6-05-83 (8)	6180'(100')	Drlg lm & sh w/bit #5 Mud wt 10.1, vis 34, PV 6, YP 9, gels 5/10, pH 9.5, WL 12.3, ck 2/32, alk 5.5, cl 16000, solids 4.2.
6-06-83 (9)	6248'(68')	Drlg lm & sh w/bit #6 Mud wt 10.1, vis 35, PV 7, YP 7, gels 4/6, pH 9.5, WL 20, ck 2/32, alk 5.5, cl 16000, solids 2.25. Bit trip @ 6190'. Bit #5 (4-3/4" Sec M89TF) made 117' in 28-1/4 hrs, graded T-4 B-4 G-4. Daily Cost \$ 18,256 Cum Mud \$3,390 Cum Cost \$ 93,028 Cum Wtr \$3,105
6-07-83 (10)	6322'(74')	Drlg lm & dol w/bit #7 Mud Type Cut Brine Mud wt 10.2, vis 36, PV 7, YP 7, gels 3/5, pH 9.5, WL 20, ck 2/32, alk 3.2, cl 180000, solids 4.5. Bit trip @ 6278'. Bit #6 (4-3/4" Sec M88F) made 88' in 20 hrs, graded T-6 B-8 G-full Daily Cost \$ 7,976 Cum Mud \$3,417 Cum Cost \$101,004 Cum Wtr \$3,105
6-08-83 (11)	6416'(94')	Drlg lm w/bit #7 Mud Type Cut Brine Mud wt 10.1, vis 34, PV 6, YP 7, gels 3/4, pH 9, WL 20, ck 2/32, alk 1.6, cl 178000, solids 2.4. Daily Cost \$ 4,353 Cum Mud \$3,495 Cum Cost \$105,357 Cum Wtr \$3,105
6-09-83 (14)	6477'(61')	Drlg lm w/bit #8 Mud Type Cut Brine Mud wt 10.2, vis 35, PV 8, YP 7, gels 4/6, pH 9.5, WL 20, ck 2/32, alk 2.2, cl 182000, Sand Tr solids 3.9. Bit trip 6448'. No fill after trip. Losing small amt fluid. Bit #7 (4-3/4" HTC F-55) made 170' in 44-1/4hrs Graded T-3 B-5 G-Full Daily Cost \$ 5,236 Cum Mud \$3,565 Cum Cost \$110,593 Cum Wtr \$3,105

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
6-10-83 (14)		
6540' (63')		Drlg 1m w/bit #9
		Mud Type Cut Brine Mud wt 10, vis 35, PV 6, YP 6, gels 4/6, pH 9.5, WL 20, ck 2/32, alk 2.7, cl 175000, Sand Tr solids 3.4.
		Trip to change Bit. No drag or fill after trip.
		Bit #8 (4-3/4" HTC F-7) made 41' in 11-1/4 hrs. Graded T-6 B-2 G-Full
		Daily Cost \$ 7,509 Cum Mud \$3,899
		Cum Cost \$118,102 Cum Wtr \$3,105
6-11-83 (14)		
6630' (90')		Drlg sh trace 1m w/bit #9
		Mud Type Salt Gel/Starch. MW 9.9, vis 35, PV 5, YP 5, gels 2/4, pH 9.5, WL 18, ck 2/32, alk 1.5, cl 115000, Sand Tr solids 5%.
		Daily Cost \$ 3,647 Cum Mud \$4,136
		Cum Cost \$122,749 Cum Wtr \$3,240
6-12-83 (15)		
6700' (70')		Drlg. sh & 1m. w/bit #10
		Mud Type Salt Gel/Starch MW 9.9, Vis 35, PV 5, YP 6, Gels 3/5, PH 10, W/L 18.0, CK 2/32 alk. 1.5, cl 113,000, Sand Tr, Solids 5%.
		Bit trip @ 6648'. No fill or drag.
		Bit #9 (4-3/4 HTC J-55) made 159' in 41-1/4 hrs. Graded T-8 B-8 G-1/16.
		Daily Cost \$ 4,647 Cum Mud \$4,136
		Cum Cost \$122,749 Cum Wtr \$3,240
6-13-83 (16)		
6781' (81')		Drlg sh & 1m. w/bit #11
		Mud Type Salt Gel/starch. MW 9.9, Vis 35, PV 4, YP 5, Gels 2/3, PH 9.5, W/L 16. ck 2/32, alk 1.3, cl 116000, Sand tr, solids 5.0.
		Dev. 6757 @ 1.
		Bit trip 6759'. No fill or drag.
		Bit #10 (4-3/4 HTC J-7) made 109' in 25-3/4 hrs. Graded T-5 B-4 G-In.
		Daily Cost \$ 5,199 Cum Mud \$4,432
		Cum Cost \$133,337 Cum Wtr \$3,240
6-14-83 (17)		
6873' (92')		Drlg sh & 1m. w/bit #11
		Mud Type Salt Gel/starch. MW 10, Vis 35, PV 4, YP 5, Gels 2/4, PH 9.5, W/L 14.6, ck 2/32, alk Tr, cl 106000, Sand tr, solids 5.5.
		Daily Cost \$ 4,546 Cum Mud \$4,568
		Cum Cost \$137,883 Cum Wtr \$3,375

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
6-15-83 (18)		
	6911' (37')	Drlg sh & lm. w/bit #12
		Mud Type Salt Gel/starch. MW 9.8, Vis 35, PV
		5, YP 3, Gels 2/5, PH 9.5, W/L 15, ck 2/32,
		alk Tr, cl 110,000, Sand Tr, solids 5%.
		Dev. 6908' @ 3/4. Bit trip @ 6908. While out
		of hold changed out brake block. Rotated and
		reamed 28' to btm. No fill.
		Bit #11 (4-3/4 HTC J-7) made 151' in 39 hours
		Graded T-8 B-7 G-1/16
		Daily Cost \$ 7,180 Cum Mud \$4,573
		Cum Cost \$145,063 Cum Wtr \$3,375
6-16-83 (19)		
	6990' (79')	Drlg sh & lm. w/bit #12
		Mud Type Salt Gel/starch. MW 9.8, Vis 35, PV
		6, YP 4, Gels 3/6, PH 10, W/L 16.1, ck 2/32,
		alk Tr, cl 107,000, Sand Tr, solids 4.3.
		Daily Cost \$ 4,341 Cum Mud \$4,639
		Cum Cost \$149,404 Cum Wtr \$3,375
6-17-83 (20)		
	7055' (65')	Trip sh & lm. w/bit #12
		Mud Type Salt Gel/starch. MW 9.8, Vis 36, PV
		5, YP 3, Gels 2/4, PH 10, W/L 18, ck 2/32,
		alk 0.1, cl 120,000, Sand Tr, solids 1.9.
		Daily Cost \$ 4,399 Cum Mud \$4,763
		Cum Cost \$153,803 Cum Wtr \$3,375
6-18-83 (21)		
	7105' (50')	Drlg sh & lm. w/bit #13
		Mud Type Salt Gel/starch. MW 9.7, Vis 36, PV
		6, YP 3, Gels 3/5, PH 10, W/L 18, ck 2/32,
		alk 0.1, cl 100,000, Sand Tr, solids 2.1.
		Dev. 7054' @ 3/4
		Finished Bit trip @ 7055'. No drag or fill on
		trip.
		Bit #12 (4-3/4 HTC J-55) made 147' in 46-1/2
		hrs. Graded T-4 B-4 G-1/16.
6-19-83 (22)		
	7187' (82')	Drlg. Sh & lm w/bit #13
		Mud Type Salt Gel/Starch, MW 9.9, Vis 36, PV
		8, YP 14, Gels 10/14, PH 9.5, W/L 16, ck
		2/32, alk .2, cl 108,000, Sand Tr, solids 4.0.

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
6-20-83 (23)		
	7528' (71')	Drlg. Lm w/bit #14.
		Mud Type Salt Gel/Starch, MW 9.7, Vis 36, PV 6, YP 6, Gels 8/12, PH 9.5, W/L 17.2, ck 2/32, alk .2, cl 95,000, Sand Tr, solids 5%.
		Dev. 7234' @ 1-3/4
		Bit #13 (4-3/4 HTC J-55) made 179' in 53-1/2 hrs. Graded T-8 B-8 G-Full
		Daily Cost \$ 7,345 Cum Mud \$5,192
		Cum Cost \$172,992 Cum Wtr \$3,510
6-21-83 (24)		
	7340' (82')	Drlg. Grnt Wash w/bit #14
		Mud Type Salt Gel/Starch, MW 9.3, Vis 38, PV 7, YP 10, Gels 9/15, PH 10, W/L 17.8, ck 2/32, alk .1, cl 85,000, Sand Tr, solids 4%.
		Daily Cost \$ 4,303 Cum Mud \$5,220
		Cum Cost \$177,295 Cum Wtr \$3,510
6-22-83 (25)		
	7399' (59')	Tripping. Form. Grnt Wsh.
		Mud Type Salt Gel/Starch, MW 9.9, Vis 37, PV 7, YP 7, Gels 8/10, PH 9.5, W/L 14.6, ck 2/32, alk .1, cl 97,000, Sand Tr, solids 5.5.
		Dev. 7399' @ 30.
		Bit #14 (4-3/4 HJC J-55) made 165' in 45-1/2 hrs. Graded T-6 B-6 G-Full.
		Bit trip @ 7399'.
		Daily Cost \$ 8,370 Cum Mud \$6,415
		Cum Cost \$185,665 Cum Wtr \$3,510
6-23-83 (26)		
	7488' (89')	Drlg. w/Bit #15
		Formation Grnt Wsh. Mud Type Salt Gel/Starch, MW 9.9, Vis 39, PV 9, YP 10, Gels 9/12, PH 10, W/L 13, ck 2/32, alk .2, cl 98,000, Sand Tr, solids 5.0.
		Drl time break 7423-26 from 20 to 5m/ft
		" " " 7434-42 " " "
		" " " 7445-52 " " "
		FIH w/new bit. No fill. No drag.
		Daily Cost \$ 4,613 Cum Mud \$6,618
		Cum Cost \$190,278 Cum Wtr \$3,645

LEASE NAME AND WELL NO.

HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
6-24-83 (27)		7500' (12') Rig up csg tool. Formation Grnt Wsh. Mud Type Salt Gel/Starch, MW 9.9, Vis 39, PV 9, YP 10, Gels 9/12, PH 10, W/L 12.4, ck 2/32, alk .2, cl 94,000, Sand Tr, solids 6%. Dev. 7500' @ 2-3/4". Drld. to 7500' TD @ 10:00a.m. 6-23-83. Circ. 3 hrs for logs. POH SLM no correction. RU wireline and ran GR Guard and Neutron Density Log. Logger TD 7472'. Logged 7479' to 5492'. BHT 106°. Trip to btm. No fill. Circ. 2 hrs. Tested DP to 1700#. Held OK. POH w/DP. Layed down 24 DC's. Rigged up to run csg. Daily Cost \$ 11,465 Cum Mud \$6,618 Cum Cost \$201,734 Cum Wtr \$3,645
6-25-83 (28)		7500' (0') Riggng dwn RT. Ran 90jts 4" 11.34# J-55 Hydril "FJ" Csg. w/shoe and float collar and "Fullflo" Hanger pkr. Csg. set @ 7500', float shoe @ 7463'. Top liner @ 4409'. Batch mixed 100sx Class "H" 50/50 Posmix w/2% gel, 0.6% CFR-2 per sack. Mix to 14.15#/gal Pumped 15 Bbls fresh water ahead - then cmt. Displace w/fresh water. Plug dwn @ 3:30pm 6-24-83. 100% returns throughout job. Set liner Pkr. Reversed out 20sx cmt. Displaced Csg. w/fresh water. Layed down 2-7/8" DP. Rig released @ 12:30am 6-25-83. 6-26-83 (51/48)(26) RDRT. 6-27-83 (51/48)(27) RDRT. Daily Cost \$ 13,078 Cum Mud \$6,618 Cum Cost \$214,812 Cum Wtr \$3,918
6-28-83 (28)		MIRU PU. Daily Cost \$ 2,753 Cum Cost \$217,565
6-29-83 (29)		Finish rigging up. WIH w/GR clr correlation log. Wire line TD 7416. Logged to 5400. Ran select fire perforating gun. Perf 1SPF @ 7214, 18, 23, 40, 51, 73, 77, 86, 90, 7336, 47, 63, 7372 - 13 shots. SWI. SDFN. Daily Cost \$ 9,552 Cum Cost \$227,117

DAILY W. L. L. M. O. N. I. T. O. R. I. N. G.

PRINTED IN U.S.A.

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
6-30-83 (30)		Prep. to frac trucking in fraccoil. Picked up 233 jts. 2-3/8" N-80 workstring w/RTTS. Ran in hole. SDFN. Daily Cost \$ 21,737 Cum Cost \$248,854
7-01-83 (31)		MIRU BJ to frac GW. Load hole w/prod wtr. Set RTTS. Press annulus to 540 psi. Pmpd 7 BW. Broke down @ 4780 psi, 4.9 BPM, 500 gals SA-10 7-1/2% HCl acid, 5.1 BPM @ 6180 psi, 70 bbls pad 5.1 to 8.3 BPM @ 6180-7500 psi. Locked up, SD 5 min. SI 1860 psi. Restart pad, 2 BPM @ 8500 psi. Locked up, SD 5 min. SI 1650 psi. Restart pad .1 BPM @ 8900 psi. Locked up, SD. Surge tbg to pit to 0 psi. Restart pad .2 BPM @ 8900 psi. Locked up, SD. Unset pkr. Pmpd 10 bbls pad circ to pit. Set pkr. Press annulus to 850 psi. Restart pad 16 bbls, 7.3 BPM @ 5400 psi. SD to regel & WO frac oil. Load frac tank w/185 BO. Restart pad 120 bbls 8.7 BPM @ 7450 psi, 75 bbls 1 ppg 20/40 sd 10.3 BPM @ 8500 psi. Screened out 8900 psi @ 4.2 BPM. Flush w/30 bbls pad 6 BPM @ 6800 psi. Restart 1 ppg sd 62 bbls 5.7 BPM @ 8900 psi. Screened out 9200 psi @ 4.5 BPM. Flush w/41 bbls pad 5.7 BPM @ 8900 psi. ISIP 4450 psi, 5 min 2600, 10 min 2510, 15 min 2440. Daily Cost \$ 28,572 Cum Cost \$277,426
7-02-83 (32)		Swabbed 34 Bbls fluid. Swabbed dry.
7-03-83 (33)		Loaded tbg with 10BBls 2% KCL water. Pressured annulus to 500#. Could not get RTTS pkr. to release. Had to pull 61,000# over weight and work to get pkr. to release. Reverse circulated hole. P.O.H. with RTTS Pkr. T.I.H. Tagged fill @ 7208' (260'). Washed to 7236. Pulled 12 stands. S.D.F.N.
7-04-83 (34)		S.D.F.S.
7-05-83 (35)		S.D.F. Holiday
		Daily Cost \$ 3,232
		Cum Cost \$282,483

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
7-06-83 (36)		Washed out from snd to btm (231'). P.O.H. T.I.H. with Pkr. Swabbing from seating nipple. Recovered 42Bbls fluid. Tubing volume 38Bbls. Will check for entry this A.M. Daily Cost \$ 3,250 Cum Cost \$285,733
7-07-83 (37)		Granite wash. TP 165# after being S.I. overnight. F.L. @ 4000'. Ran swab to 5000', well started flowing. Flowed for 2 hrs then died. Swabbed from S.N. Recovered 21 BF. 312 B.L.O.T.R. 220# SITP this A.M. Daily Cost \$ 1,106 Cum Cost \$286,302
7-08-83 (38)		Released Pkr. Circulated tbg. Rec 10 B0. P.O.H. Perforated Drinkard @ 6483', 6500', 6645', 54, 6709', 16, 70, 6814', 23, 62, 74, 86, 93, 97 - 14 holes. T.I.H. with BP & Pkr. Tested tbng to 10,000#. Set BP @ 7083'. B.L.O.T.R. 302. Daily Cost \$ 7,600 Cum Cost \$293,902
7-09-83 (38)		Sptd 200 gals HCl on Drinkard. Broke form w/1400 psi. Acdzd w/2000 gals 15% HCl @ 5700 psi. Balled out. Surged balls & finished treatment. Rate 5.4 BPM, ISIP 1660 psi, 1 hr 1100 psi. 109 BLWTR. Flwd back 11 bbls, well died. Swbd additional 22 bbls. Well flwd 2 bbls. Rec 49 BLW. Rlsd pkr to wipe perfs. Well started to flow. Killed w/85 bbls KCl wtr. Reset pkr. 142 BLWTR.
7-10-83 (38)		SITP 175 psi. Made 5 swab runs, rec 17 BLW & 1 B0. Frac w/20,000 gals gelled lse crude w/32,000# 20/40 sand. Avg rate 11 BPM, max press 6980 psi. Flushed w/1092 gals. ISIP 2640 psi, 1 hr SIP 2225 psi. 516 BLO & 132 BLWTR.
7-11-83 (38)		SDFS Daily Cost \$ 38,432 Cum Cost \$332,334

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REM
7-12-83 (23)		Drinkard, Wantz Granite Wash Field, Hinton 14-8 (AFE 33-2088) Unit J, Sec. 12, T22S, R34E, Lea County, New Mexico
36 hr. SITP - 350#. WIH w/swab, fld @ 2500'. Made 5 swab runs, rec. 1-1/2 BO, 8 BW. Fld level 6800' in 2 hrs. Unseated Pkr. POH. SDFN.		7500' Drinkard/Granite Wash Dual Deepen from 5219' (SPC 33.3333%) Rig: W.E. Myers Spud: 5.28.83 Contract: Daywork FRR: 6-25-83 Mud: Runnels Type: Salt Wtr Gel Casing: 13-3/8" @ 155', 8-5/8" @ 2761' 5-1/2" @ 5206', 4" liner @ 7500', Top of liner @ 4409'
Daily Cost \$ 1,806 Cum Cost \$299,328		TD 7500', PBTD 7416' Committed (DHC) \$153,200/51,067 Committed (PWC) \$405,300/135,100
7-13-83 (28)(16)		
Vac. on tbg. Fld @ 6000'. Break circ. w/60Bbls 2% KCL wtr. Washed down 2 jts on sand, well started flowing. Fld 25BO and died. Finish washing sand on BP. POH w/BP. SDFN.		
Daily Cost \$ 3,046 Cum Cost \$337,626		
7-14-83 (28)(17)		
TP Vac. GIH. Testing tbg. - 20 jts 2-1/16 IJ, & 165 jts 2-3/8" EUE. POH. SDFN.		
Daily Cost \$ 4,379 Cum Cost \$342,005		
7-15-83 (28)(18)		
TP 150#. GIH w/Pkr. on 15 jts 2-1/16" IJ tbg w/sliding sleeve profil nipple. Cross over to 209 jts 2-3/8" EUE tbg. Set Pkr. @ 6985'. RU well head, prep to swab. SDFN.		
Daily Cost \$ 7,136 Cum Cost \$349,141		
7-16-83 (28)(19)		
TP 30#. CP 90#. Fluid level 3200'. Made 7 swab runs. Swabbed to 6200'. Swab and flow 16 BO 23 BW in 7 hrs. RDPU. SDFN.		
7-17-83 (28)(20)		
TP 0#. CP 760#. Fluid level 3200'. Swabbed 22 BO 80 BW in 10 hrs. 471 BLOTR, 87 BLWTR. Left well open		
7-18-83 (28)(19)		
TP 0#. CP 550#. Swab 22 BO 10 BW in 8 hrs. Well heads up and dies. 449 BLOTR. 77 BLWTR.		
Daily Cost \$ 1,126 Cum Cost \$353,413		

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
7-19-83 (28)(19)		TP 10#. CP 750#. Fluid level 5000'. Swabbed 7 BO 6 BW in 10 hrs. 442 BLOTR, 71 BLWTR. Frac sand in swab cups on lost rams. Swabbing off btm. Getting 600' fill per hour. Daily Cost \$ 923 Cum Cost \$354,336
7-20-83 (28)(20)		TP 0#. CP 850#. GIH w/swab, fluid @ 5000'. MIRU reverse unit. Bled pressure from annulus. Pmp 194Bbbls 2% KCL dwn tbg. circulating hole cln. for 2 hrs @ 1.5 - 2 BPM, 750 - 1100#. Rtn small amount of sand & scale. Losing 1 BPM while circulating. Total load 291 Bbbls. Shut down pumping. Moved out swab unit. Prep. to move in pulling unit. Daily Cost \$ 1,888 Cum Cost \$356,824
7-21-83 (28)(21)		Tbg & Csg on Vac. Broke circulation w/89 Bbbls 2% KCL wtr. Circ. 15 mins @ 4-1/2 BPM & 1700#. Total load 109 Bbbls. Returning sand, rubber and scale. Worked Pkr, wouldn't release. MI Power swivel. Torqued tbg & held. Worked Pkr, elements released, by-pass opened, upper slips wouldn't release. Pulled 30,000# above weight and held for 1 hr. MIRU Wire Line, tagged btm @ 6974'. Closed sliding sleeve. Have 11' fill over blanking plug. Pressured tbg to 520#, sleeve closed. RU and ran bailer. Made 1 run, no returns. SDFN. Daily Cost \$ 4,910 Cum Cost \$361,734
7-22-83 (28)(22)		RU Otis. GIH w/1" coil tbg. Broke circ. @ 1500' w/2% KCL wtr. Pumped to top of plug @ 7015' coil tbg measurements @ 1/2 BPM and 4000#. Rec. sand, rubber and scale to surface in 1 hr. Circ. & cleaned off btm. (Plug @ 6978' tbg. measurements.) POH w/coil tbg. SDFN. Daily Cost \$ 4,647 Cum Cost \$366,381

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
7-23-83 (28)(23)		RIH w/plug fishing tools. Latched on to top. POH, recovered pieces of swab, cup. WBIH, latched on to equalizing prong and POH. WBIH after plug. Made two runs, unable to pull plug. Swabbed well to 4500'. RBIH w/retrieving head, picked up plug. RU to circ. Pmpd 30bbls 2% KCL water @ 1800#. No circulation. Pulled 40,000# on packer and unseated. POH w/pkr. SI and SDFN.
7-24-83 (28) (24)		SDFWE. Prep to re-run production string.
7-25-83 (28) (25)		SDFWE. Daily Cost \$ 3,578 Cum Cost \$369,959
7-26-83 (28) (25)		RIH w/15 jts. 2/16 SN and 209 jts 2-3/8" tbg SN set @ +/- 6980'. RU to swab. Made 4 swab runs to 6450'. FL @ 3000' to 6000'. Rec. 1 BO 16 BW in 2 hrs. RDPU. SDFN. Daily Cost \$ 2,178 Cum Cost \$372,137
7-27-83 (28) (26)		RU swab unit. Commenced swabbing. Fld @ 2200'. Made 21 swab runs in 8hrs. Recov. 96 Bbls total fluid, 37 BO, 59 BW. Final fld level 3500 swabbing from 6450'. Had light gas blow on tbg. CP 210#. Blowing off some gas after swab run. SDFN. Daily Cost \$ 1,038 Cum Cost \$373,175
7-28-83 TP 20#, CP 485#, Began swabbing.		Flwd @ 3200', made 23 swabbing over 8 hrs Rec 22 BO, 92 BW, Final FL 3600'. Left well open on 18/64" ck. Daily Cost\$ 950 Cum Cost \$374,125
7-29-83 (28) (28)		FTP 20#. SICP 600#. Well wouldn't flow. Started swabbing. Fld @ 3200'. Made 6 runs. Well started flowing for 45 mins & died. Made 19 more swab runs. Fld & swabbed 8 hrs. Rec. 10 BO, 50 BW. Final fld level 4500'. Left well flowing on 18/64 choke. SDFN. Daily Cost \$ 1,100 Cum Cost \$375,225

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
7/30/83 (28) (29)		TP 20, CP 600. Bld down csg repair. Leak in well head. Swab 18 runs 8 hrs. Rec 21 B0 & 22 BW. Flwd gas one hr. BLOTR & 683 BLWTR 250.
7/31/83 (28) (30)		SITP 180#, SICP 500# Bled off tbg didn't flw. Started swabbing. FL @ 3200' made 21 swal runs in 8 hrs rec 34 B0 & 52 BW Ending fluid level @ 3000' Flwd about 1-1/2 hrs. Total after swabbing 619 BLOTR & 198 BLWTR, SDFWE.
8/1/83 (28) (31)		SDFWE. DAILY Cost\$ 3,804 Cum Cost \$379,729
8/02/83 (28) (29)		SITP 240# SICP 650# Bled off tbg No flow Swabbed FL @ 3000' Made 23 runs in 8 hrs Rec 26 B0 & 36 BW Final FL 4500' CP 250# TP 20# Constant gas flow throughout 575 BLOTR & 162 BLWTR Daily Cost \$ 1,164 Cum Cost \$380,893
8/03/83 (28) (30)		SITP 200# SICP 650# Bled tbg no flow, Commenced swabbing FL @ 3200', Made 17 runs in 6-1/2 hrs, Rec 18 B0, 14 BLW. Final FL 4000' still recovering trace of frac sand periodically. 557 BLOTR 148 BLWTR, small gas blow throughout. Left on 32/64 ck. Daily Cost \$ 4,367 Cum Cost \$385,260
8/04/83 (28) (31)		FTP 20#, SICP 700# Tbg blew down, No fld, Swabbing first fld level 3500# Made 16 runs in 7 hrs, Rec 12 B0, 24 BW, Final FL 6400', Csg 250#, Tbg 20# 545 BLOTR, 124 BLWTR, Shut well in. Daily Cost \$ 696 Cum Cost \$385,956
8/05/83 (28) (32)		SITP 400# SICP 688# Tbg bled down, No flo, Made 2 swab runs and well started flowing. Flwd 1-1/2 hrs made 7 B0, 6 BW. FL @ 3800' SI to work on flow line, 538 BLOTR, 118 BLWTR Daily Cost \$ 1,281 Cum Cost \$387,237

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
8/06/83 (28) (33)		SITP 300# SICP 780# Blew well dwn. Tried rocking well, wouldn't flow, SITP 250# Blew down. Wouldn't flow SIFN.
8-07-83 (28)(34)		SITP 380#, SICP 1000# open tbg on 24/64 well flowd. TP incr to 600#. Flwd 5 BO, 3 BW in 1/2hrs. SWI 533 BLOTR, 115 BLWTR
8-08-83 (28)(35)		Flwd well twice total of 1 hr, Rec 10 BO, 1 BW press on tbg decr. to 475# SWI 523 BLOTR, 114 BLWTR
		Daily Cost \$ 1,266
		Cum Cost \$388,503
8/09/83 (28) (33)		SITP 250# SICP 900# Open well on 1/2", TP went to 0, Shut In 4 hrs, Opened again TP to 0, SIFN, Didn't make any fluid
		Daily Cost \$ 1,266
		Cum Cost \$388,503
8/10/83 (28) (34)		TP 290#, CP 1040# Blew down to 0. Moving in swabbing unit. Flwd @ 3700' well kicked off Rec 6 BO & 0 BW started blowing gas no liquid. Flwd 1 hrs on 10/64, TP 520# to 250#, CP 1000# to 780#. SI 1 hr TP 350#, CP 810# Open tbg, blew down no flow, swab & flow. Rec 16 BO, 3 BW in 8 hrs, 507 BLOTR, 112 BLWTR
		Daily Cost \$ 1,023
		Cum Cost \$389,526
8/11/83 (28) (35)		SITP 390 SICP 760# Open on 18/64", Blew down in 10 min Swab 1 hr, FL @ 3600', Total 4 swab runs, swabbed & flowed 23 BO & 8 BW, TP 70#, CP 420# Shut In, 484 BLOTR, 104 BLWTR, well still producing sand.
		Daily Cost \$ 850
		Cum Cost \$390,376
8/12/83 (28) (36)		SITP 640 CP 820# Open on 14/64", Blew down in 30 min Installing rental pumping unit.
		Daily Cost \$ 4,444
		Cum Cost \$394,820

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
8-13-83	(28) (37)	TP 460#, CP 870#, 24/64 blew dwn, Pulled tubing. Moving pumping unit
8-14-83	(28) (38)	Opened csg, flwd 7 BO, Ran tubing w/anchor to 6458', Installed PU Ran Rods. Hang on pump.
8-15-83	(28) (39)	Produced 17 BO & 3 BW, 890 MCF, 460 BLOTR, 101 BLWTR
		Daily Cost \$ -0-
		Cum Cost \$403,445
8-16-83	(28) (40)	Produced 4 BO & 6 BW, 150 MCF in 12 hrs. Engine died. 456 BLOTR, 95 BLWTR
		Daily Cost \$ -0-
		Cum Cost \$403,445
8-17-83	(28) (41)	Produced 25 BO & 20 BW, 250 MCF 431 BLOTR, 75 BLWTR
		Daily Cost \$ -0-
		Cum Cost \$403,445
8-18-83	(28) (41)	Pumped 20 BO & 10 BW, 220 MCF 411 BLOTR, 65 BLWTR
		Daily Cost \$ -0-
		Cum Cost \$403,445
8-19-83	(28) (41)	Pumped 8 BO & 3 BW, 135 MCF 403 BLOTR, 63 BLWTR
		Daily Cost \$ 4,600
		Cum Cost \$407,945
8-20-83	(28) (41)	Pumped 2 BO & 12 BWPD, 245 MCF CP 260#
8-21-83	Pump	12 BO, 3 BWPD, 165 MCFPD, Cp open
8-22-83	Pump	13 BO, 10 BWPD, 190 MCFPD, CP open, 366 BLOTR, 37 BLWTR.
		Daily Cost \$ 4,600 Cum Cost \$407,945
		Cum Cost \$407,945
8-23-83	(28) (41)	Pumped 12 BO & 7 BWPD, Daily Cost \$ 4,600 Cum Cost \$407,945
		Cum Cost \$407,945
8-24-83	(28) (41)	Pumped 37 BO & 12 BWPD, CP 560#, 317 BLOTR & 18 BLWTR
		Daily Cost \$ 4,600 Cum Cost \$407,945
		Cum Cost \$407,945
8-25-83		Pumped 13 BO & 6 BW per 18 hrs, Engine died, 260 MCF, CP 625#, 304 BLOTR & 12 BLWTR
DAIL		Daily Cost \$ 4,600 Cum Cost \$407,945

LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
8-26-83		Pumped 18 BO & 3 BW 240 MCF, 286 BLOTR & 9 BLWTR, CP 450# Daily Cost \$ 4,600 Cum Cost \$407,945
8-27-83		Pmpd 17 BO & 6 BWPDP CP 490# 236 MCF, 269 BLOTR & 3 BLWTR
8-28-83		Pmpd 14 BO, 6 BWPDP, CP 500#, 221 MCFPD, Open Csg
8-29-83		Pmpd 6 BO, 3 BWPDP, CP 35#, 220 MCFPD, 249 BLOTR, 0 BLOTR Daily Cost \$ 4,600 Cum Cost \$407,945
8-30-83		Pmpd 19 BO & 9 BWPDP CP 375# 219 MCF, 230 BLOTR Daily Cost \$ 4,600 Cum Cost \$407,945
8-31-83		Pmpd 14 BO & 3 BWPDP CP 350# 278 MCF, 216 BLOTR & 0 BLWTR Daily Cost \$ 4,600 Cum Cost \$407,945
9-1-83		Pmpd 21 BO & 3 BWPDP CP 425# 260 MCF, 195 BLOTR Cum Cost \$407,945
9-2-83		Pmpd 11 BO & 6 BWPDP CP 300# 290 MCF, 184 BLOTR Daily Cost \$163 Cum Cost \$408,108
9-3-83		Pmpd 16 BO & 0 BWPDP CP 300# 194 MCF
9-4-83		Pmpd 16 BO & 3 BWPDP, CP 400#, 179 MCF
9-5-83		SI Pulled off rental PU and install Service Unit, SICP 848#
9-6-83		Installing PU, CP 895#, TP 200#
9-7-83		Installing PU, SICP 840#, SITP 65#. Opened well for one hour
9-8-83		TP 25#, CP 30# Attempted to flow well. No flow. Will start pumping today.

LEASE NAME AND WELL NO. HINTON "14" Well No. 8

DATE	DEPTH	REMARKS
9-9-83		TP 25#, CP 30# Attempted to flow made 0 BO & BW and 190 MCFPD. Finish installing pumping unit. Commenced pumping @ 3:00 PM. 152 BLOTR
9-10-83		TP 35#, CP 340#. 30 BO & 3 BWPD.
9-11-83		TP 38#, CP 350#. 17 BO & 3 BWPD.
9-12-83		TP 40. CP 340#. 11 BO & 3 BWPD, 94 BLOTR. Daily Cost \$ 3,830 Cum Cost \$412,201
9-13-83		TP 32#, CP 330#. 11 BO & 0 BWPD & 83 BLOTR
9-14-83		TP 40#, CP 340#. 5 BO & 3 BWPD & 78 BLOTR
9-15-83		Pump TP 38, CP 45, 240 MCFGPD, 10 BO & 3 BWPD, 68 BLOTR
9-16-83		TP 70, CP 23, 220 MCFGPD, 14 BOPD & 3 BWPD, 54 BLOTR
9-17-83		Pump 190 MCFGPD, 17 BOPD & 3 BWPD, 37 BLOTR
9-18-83		Pump CP 20, 220 MCFGPD, 17 BO & 3 BWPD, 17 BLOTR.
9-19-83		Pump CP 20, 245 MCFGPD, 17 BO, 6 BWPD, 0 BLOTR.
9-20-83		Pump CP 20 270 MCFGPD, 17 BO & 3 BWPD, 6 BLOTR
9-21-83		Pump CP 23 215 MCFGPD, 8 BO & 0 BWPD.
9-22-83		Pump CP 23 240 MCFGPD, 11 BO & 3 BWPD.
9-23-83		Pump CP 20#, 215 MCFGPD, 16 BO & 6 BWPD
9-24-83		Pump CP 20 240 MCFGPD, 22 BO & 3 BWPD.
9-25-83		Pump CP 23, 215 MCFGPD, 10 BO & 6 BWPD.
9-26-83		DAILY Pump CP 20, 170 MCFGPD, 13 BO & 0 BWPD.

*1st new oil
produced 9-20-83*

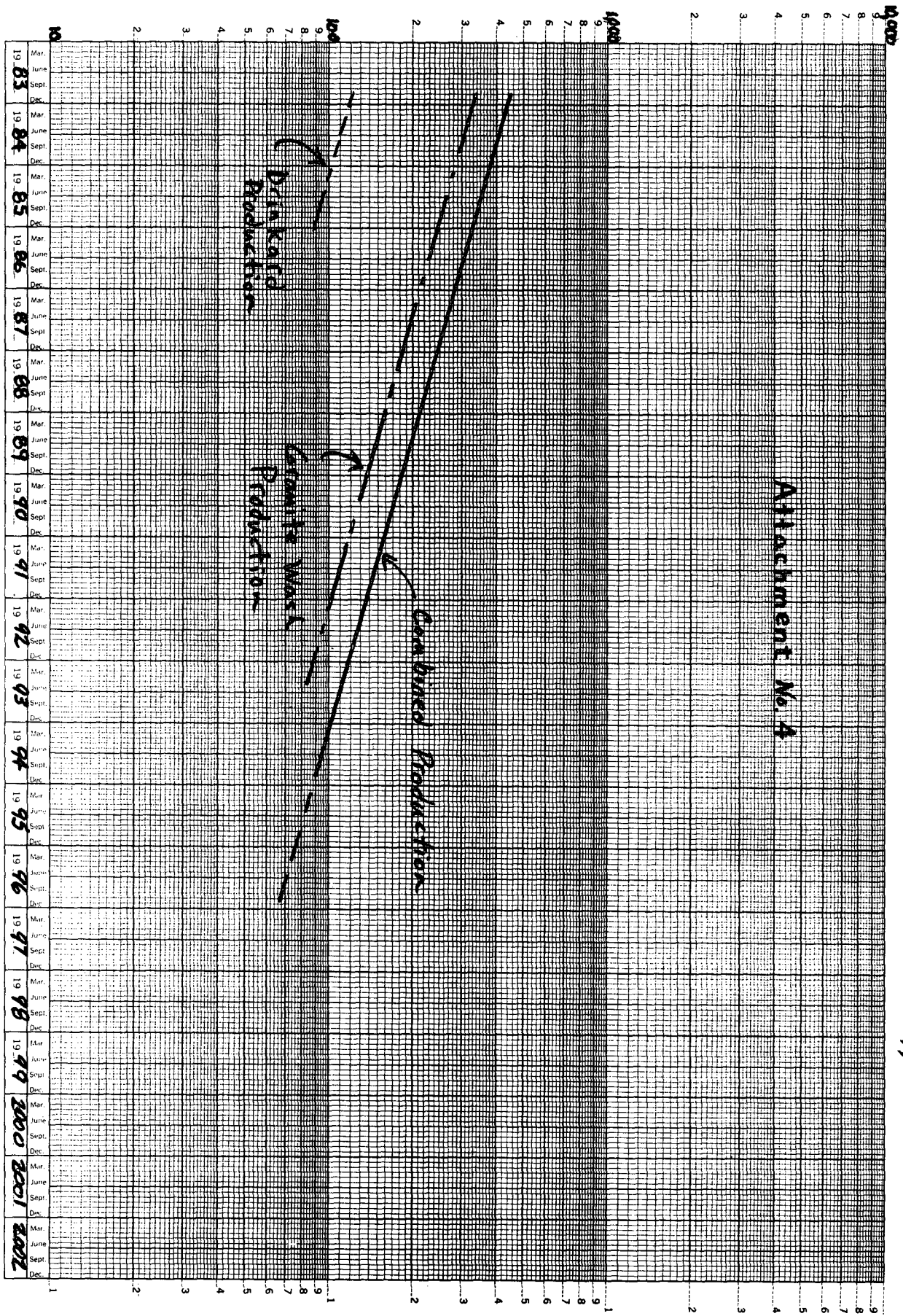
LEASE NAME AND WELL NO. HINTON "14" WELL NO. 8

DATE	DEPTH	REMARKS
9-27-83		Pump CP 20 200 MCF/DPD, 18 BO & 3 BWPDP.
9-28-83		Pump CP 20 238 MCF/DPD, 23 BO & 3 BWPDP. Daily Cost \$3,509 Cum Cost \$415,710
9-29-83		Killed well w/65 bbl Brine. RUPU POH w/2-3/8" tbg WIH w/33 jts, 2-1/16 IJ and 207 jts 2-3/8". Tagged fill @ 7443' (25'). COH layed down 2-1/16". WIH w/ 14 jts 2-3/8" tbg and SDFW. Daily Cost \$1920 Cum Cost \$417,630
9-30-83		COH w/ 14 jts. 2-3/8". WIH w/Watson J Loc Profile Nipple. 1 jt 2-1/16" IJ sliding sleeve. 1 jt. 2-3/8" SN & 224 jts. 2-3/8" SN @ 6925', sleeve @ 6957' (open) pkr. @ 6993' (set w/10 parts tension) RD BOP, WIH w/BHP, rods, & started pumping @ 3:00 PM Daily Cost \$4950 Cum Cost \$422,580
10-01-83		Pmp both zones commingled. CP 20, 10 BO & 21 BWPDP, 55 MCF/D, 64 BLWTR.
10-02-83		Pmp CP 20, 7 BO & 36 BWPDP, 185 MCF/D, 28 BLWTR.
10-03-83		Pmp CP 20 8 BO & 10 BWPDP, 218 MCF/D, 18 BLWTR.
10-04-83		Pmp CP 20, 18 BO & 13 BWPDP. 240 MCF/D, 5 BLWTR.
10-05-83		Pmp CP 20, 14 BO & 3 BWPDP. 220 MCF/D, 2 BLWTR.
10-06-83		Pmpg CP 20, 14 BO & 6 BWPDP. 220 MCF/D, all load recovered.
10-07-83		Pmpg CP 20, 14 BO & 3 BWPDP. 185 MCF/D.
10-08-83		Pmpg CP 20, 14 BO & 3 BWPDP. 215 MCF/D.
10-09-83		Pmpg CP 20, 10 BO & 3 BWPDP, 185 MCF/D.
10-10-83		Pmpg CP 20. 13 BO & 3 BWPDP, 185 MCF/P.
10-11-83		Pmpg CP 20, 11 BO & 6 BWPDP. 205 MCF/D. MIRU Pmpg Unit, Rods & Pump. Closed sliding sleeve. WIH w/rods & pump. Now pumping Granite Wash.

HINTON "14" WELL NO. 8

LEASE NAME AND WELL NO.

DATE	DEPTH	REMARKS
10-12-83		Pmpg 3 BO and 0 BW. 185 MCF/D. Shut casing. Csg left open over night.
10-13-83		Pmpg 14 BO and 0 BWPD, 140 MCF/D.
10-14-83		Pmp 7 BO & 6 BWPD, 143 MCF/D, CP 530#.
10-15-83		Pmp 11 BO & 10 BW, 147 MCF/D.
10-16-83		Pmp 11 BO & 3 BW, 147 MCF/D.
10-17-83		Pmp 11 BO & 0 BW, 147 MCF/D.
10-18-83		Pmp CP 930, 8 BO & 3 BW, 75 MCF/D. Will change sleeve today. Daily Cost \$1,499 Cum Cost \$426,817
10-19-83		MIRU PU. Pulled rods & pump. Opened sliding sleeve. Ran rods & pump. Commenced Pumping. Daily Cost \$2,200 Cum Cost \$429,017
10-20-83		Pmp 17 BO & 3 BWPD, 160 MCF/D. Both zones open.
10-21-83		Pmp 22 BO & 3 BWPD, 245 MCF/D. Daily Cost \$-0- Cum Cost \$429,017
10-22-83		Pmp 8 BO & 3 BWPD, 245 MCF/D.
10-23-83		Pmp 10 BO & 3 BWPD, 245 MCF/D.
10-24-83		Pmp 18 BO & 3 BWPD, 245 MCF/D. Daily Cost \$-0- Cum Cost \$429,017
10-25-83		Pmp 15 BO & 6 BWPD, 210 MCF/D Total. Test 11 BO & 3 BW, 147 MCF/D (Granite Wash). Calculate 4 BO & 3 BW, 63 MCF/D (Drinkard). FINAL REPORT Daily Cost \$-0- Cum Cost \$429,017



Sohio Petroleum Company
Hinton 14"-No. 8
Unit J, Sec 12, T-22-S, R-37-E
Lea County, New Mexico



SOHIO PETROLEUM COMPANY

MIDLAND, TEXAS 79705
10 DESTA DRIVE - SUITE 600 WEST

March 5, 1984

Energy and Mineral Department
Oil and Gas Division
Land Office Building
P.O. Box 2088
Santa Fe, NM 87501

Attention: Mr. Gilbert Quintana

Attached is the information you requested for the Bottom Hole Pressure determination for Sohio's Hinton "14" No. 8. There were no Bottom Hole Pressures taken for this well when completed. The most recent pressure data in the immediate area of the Hinton "14" No. 8 was taken in June of 1982 (see attached Pressure Report). As you can see from the pressure data of the 2 wells, the Bottom Hole Pressures are similar with moderate variations. These pressures are for the Wantz Granite Wash Pool only. Our records do not indicate any pressure data obtained from the Drinkard formation. However, we do not expect the reservoir pressure of the Drinkard to be greater than the BHP of the Granite Wash in the same area. Also, find attached the production history for the Hinton "14" No. 8 well.

If you need further information concerning Sohio's application for downhole commingling, please contact me.

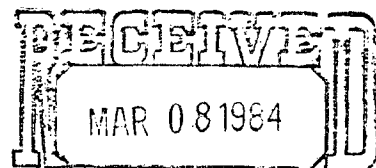
Yours very truly,

D.R. Lutton
District Production Superintendent

RD:pb

Attachments

cc: ROD



OIL CONSERVATION DIVISION
SANTA FE

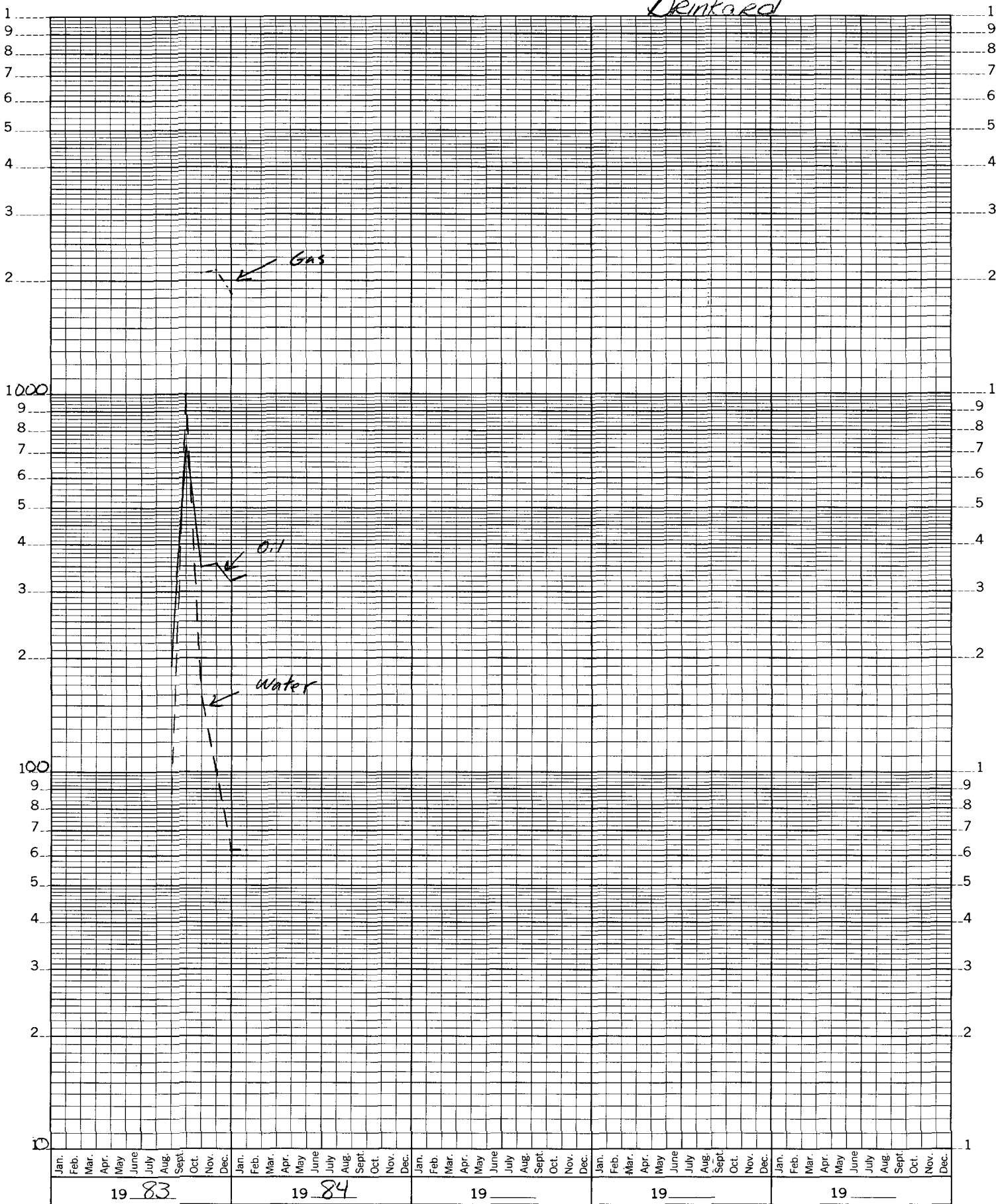
Hinton 14 #8
Dentard

mcf---

BOPM ---
BWPm ---

46 6690

5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



RESERVOIR PRESSURE REPORT

General Section		X	
Operator	Pool	County	Date
Sohio Natural Resources Company	Wantz Granit Wash	Lea	6/1/82
Address Box 3000	Oil Gradient	Water Gradient	Gravity
Midland, Texas 79701	Granit Wash	Oil Gradient	(-3900)

WELL NO.	LOCATION	DATE TESTED	BOMB TEST DATA			SONIC INSTRUMENT TEST DATA					PRESS
			TEST DEPTH	B.M. TEMP. °F	OB. SERVED PRESS.	PROD. TEST (BBL./DAY)	LIQUID LEVEL	LIQUID GRAD. PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	
3 E	12 22 37	5/28/82	7059	86	843					.022	847
14 J	12 22 37	5/28/82	7250	86	1042		7000'	.304		.027	1042

All figures plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be retested at least 24 hours prior to shut-in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

JARREL SERVICES INC.

Agent

June 2, 1982

(Date)

Joe A. C. Cerna
(Signature)