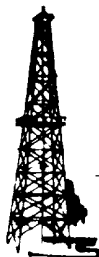


HEYCO

PETROLEUM PRODUCERS



HARVEY E. YATES COMPANY

P.O. BOX 1033

ONE SOUTHWEST CENTRE

505 623 6601

ROSWELL NEW MEXICO 88201

October 29, 1985

Dick Stamets
Division Director
New Mexico Oil Conservation Division
Santa Fe, New Mexico

RE: Request to downhole commingle Bone Spring and Wolfcamp
Production in the Harvey E. Yates Company operated
Howry "25" #1 located in Section 25, T-17S, R-37E, Lea
County, New Mexico.

Dear Dick:

In compliance with OCD Rule 303 C, Harvey E. Yates Company respectfully requests administrative approval to commingle Bone Springs production with Wolfcamp production by means of a downhole plunger pump.

The subject well was originally completed in the Bone Springs formation and produced, by means of pump, until August 1985, at which time the Bone Springs was temporarily abandoned. The Wolfcamp was perforated and tested and found to be commercial. The subject well was put on line in October of this year, producing from the Wolfcamp pay zone only. Initial production has decreased from 72 BOPD to 8 BOPD in only 17 days. In a matter of a short time the well will be unable to produce naturally and require production equipment to artificially lift hydrocarbons by pump.

Harvey E. Yates Company therefore requests that permission be granted to commingle said production with the Bone Springs production upon evaluation of the attached data required under Section 2 of Rule 303 C. Due to the rapid decrease in the productivity of the Wolfcamp pay it would also be appreciated if your immediate attention could be given to the matter. If there is need for further information please contact my office.

Respectfully yours,

A handwritten signature in dark ink, appearing to read "Ray F. Nokes".

Ray F. Nokes
Production Manager
Reservoir Engineer

Attachments

CC: Jerry Sexton
District Director
OCD District I
Hobbs, New Mexico

CC: BRS
Amerada Hess Corp.

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REQUEST FOR A DOWNHOLE COMMINGLE
Harvey E. Yates Company
Howry "25" #1

SECTION (a) - NAME AND ADDRESS OF OPERATOR:

Harvey E. Yates Company
P. O. Box 1933
Roswell, New Mexico 88201

SECTION (b) - LEASE NAME, NUMBER AND LOCATION:

Howry "25" #1
E, Section 25, T-17S, R-37E
Lea County, New Mexico

SECTION (c) - PLAT OF AREA AND OFFSET LEASES:

See attached lease plat and section plat for proration allocation.

SECTION (d) - CURRENT PRODUCTIVITY TEST:

See attached C-116 for production from the Bone Springs and the Wolfcamp.

SECTION (e) - YEARLY PRODUCTION DECLINE OR HISTORY OF COMPLETION AND PRODUCTION TO DATE:

Bone springs initial at 10 BOPD. Wolfcamp estimated at 40 BOPD. Production estimated to decrease rapidly in both zones until stabilization.

See attached Form C-105 for Bone Spring and Wolfcamp and historical production from initial to abandonment (Bone Spring) or to present for the Wolfcamp.

SECTION (f) - ESTIMATED BOTTOM HOLE PRESSURE FOR EACH ZONE:

Bone Springs	Wolfcamp
DST #1 8441-8501'	DST #2 10,065-10,091'
= 3378 psig (120" FSI)	= 3614 psig (120" FSI)
3-19-85 Well Pumped Off	8-13-85 BHPBU=1909 psig
	NOTE: 1909# pressure was prior to putting on line

Bottom hole pressure is estimated to be below 500 psig in the Bone Springs and approaching 500 psig in the Wolfcamp. At which time the approval is granted for downhole commingle and pump equipment is installed on the well, the well will be sized to handle all production from both zones and maintain a pumped off condition to prevent either zone from thieving.

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SECTION (g) - FLUID COMPATIBILITY:

	Bone Springs	Wolfcamp
Fluid Gravity:	35.6	44

NOTE: On August 18, 1985 production from Bone Springs and Wolfcamp were combined at surface from samples and found not to cause any adverse reactions.

SECTION (h) - COMMINGLED PRODUCTION VALUE:

Bone Springs - \$26.12/Bbl Sweet Wolfcamp - \$26.75/Bbl Sweet

NOTE: The price for the production was derived from new and increased prices posted by Navajo Refining Company in Artesia, New Mexico and was corrected for gravity and transportation. Since the gravity is the determining factor for computation it is not expected that the percentage of Bone Spring production will be significant to bring the gravity factor down below a 40 API gravity commingled crude until Wolfcamp production drops to equal the Bone Springs production.

SECTION (i) - ALLOCATION FORMULA:

An allocation of production will initially be made based on the following factors:

- A). Last stable production from the Bone Springs pay prior to the remedial work to test the Wolfcamp which was 10 BOPD. (Note: gas was not sufficient to vent to record on a GOR tester.).
- B). Commingled production will be considered as 100%.
 - a. The Bone Springs production of 10 BOPD will be a percentage of the total production. For Example: If said well produces 100 BOPD then 10% of said production will be allocated to the Bone Springs and the balance will be allocated to the Wolfcamp with all gas being allocated to the Wolfcamp.
- C). Oil gravity will also be monitored to evaluate whether the gravity changes or stays consistant.

SECTION (j) - NOTIFICATION TO OFFSET OPERATORS OF PROPOSED REQUEST FOR COMMINGLE:

By copy of this application all offset operators were notified.
BRS, 201 Main, Fort Worth, Texas 76102
Amerada Hess Corp., 1625 Broadway, Suite 2200, Denver, Colorado 80202

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EXHIBIT FOR SECTION (c)
LEASE PLAT

[illegible]

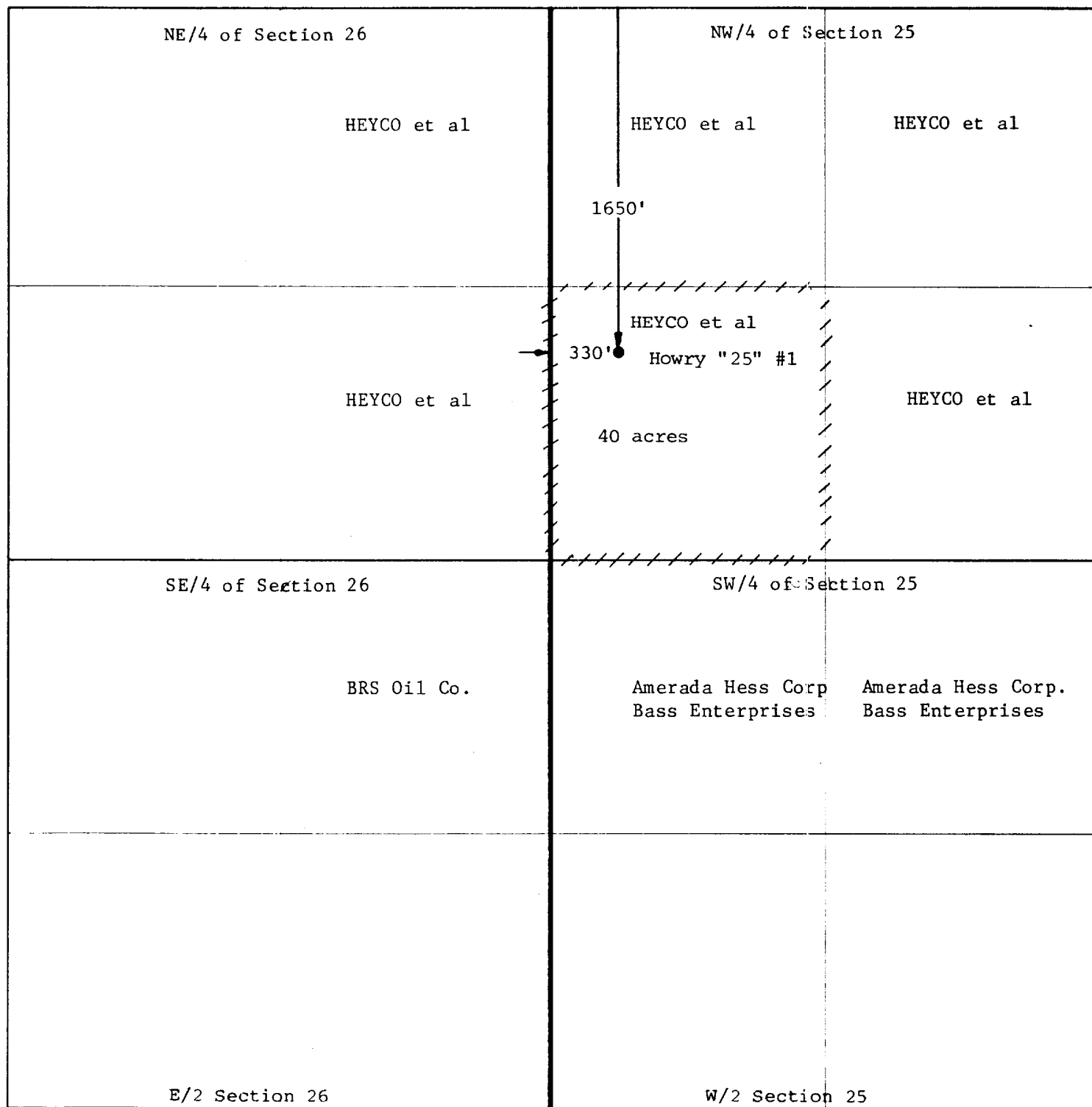
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EXHIBIT FOR SECTION (c)
PLAT OF AREA AND OFFSET LEASES

Section 25 & 26 Township 17 South Range 37 East County Lea State New Mexico



BRS
201 Main
Fort Worth, Texas 76102

Amerada Hess Corporation
1625 Broadway, Suite 2200
Denver, Colorado 80202

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EXHIBIT FOR SECTION (d)
CURRENT PRODUCTIVITY TEST

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OIL CONSERVATION DIVISION

P. O. BOX 2086

SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

County		Pool		County		Lea								
Harvey E. Yates Company		Hobbs Channel-Bone Springs												
P. O. Box 1933, Roswell, New Mexico 88201				TYPE OF TEST - (X)		Completion (XX) Special ☐								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBO. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL
		U	S	T						R	WATER BBLs.	GRAV. OIL	OIL BBLs.	
Howry "25"	1	E	25	17	37	2/26/85 P	NA	25	24	0	34.4	17	38	2235/1

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

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 allowable 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.
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 381 and appropriate pool rules.

Archie L. Suter
(Signature)

Production Clerk

(Title)

May 2, 1985

9:1-2
9:1-1

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

No will be added on if the amount of oil produced is not reported by the official test.

During cost-roll 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 allowable when authorized by the Commission.

Gas volume must be reported in N_2O measured at a pressure base of 15.075 psia and a temperature of 66° F. Specific gravity base will be 0.60.

Keptom cooling pressure in flow of tubing pressure for any well producing through casing.

Well original; and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate procedure.

Layne Collins
(Signature)

Production Clerk

(Tide)

EXHIBIT FOR SECTION (e)
YEARLY PRODUCTION DECLINE OR HISTORY OF COMPLETION
AND PRODUCTION TO DATE

BONE SPRINGS

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-84

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

14. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

10. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

11. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER

12. Name of Operator

Harvey F. Yates Company

13. Address of Operator

P. O. Box 1933, Roswell, New Mexico 88201

14. Location of Well

7. Unit Agreement Name
8. Name of Lease Name
Howry "25"
9. Well No.
1
10. Field and Pool, or District
Hubbs Channel Bone Springs
11. County
Lea

UNIT LETTER E LOCATED 1650 FEET FROM THE North LINE AND 330 FEET FROM

THE West LINE OF 25 TWP. 17S RGE. 37E LEA CO.

15. Date Spudded 10/9/84 16. Date Well Reached Bottom 11/4/84 17. Date Completion Ready to Produce 2/5/85 18. Flowing Interval (ft.) 3705.8 GL

19. Total Depth 11,565	20. True Vertical Depth 9315'	21. If Multiple Completions, Indicate NA	22. Intervals Cased by 0-11,565	23. Casing Tools Casing Tools
---------------------------	----------------------------------	---	---------------------------------------	----------------------------------

24. Producing Interval(s), at this completion - Top, Bottom, Name

8486' to 8515' Bone Springs

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

DLL w/GR; BHC Acoustilog CD, CN, w/GR

27. Was Well Cased

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	457	17 1/2	475 SXS	
8 5/8	24 & 32	4602	11	1700 SXS	
5 1/2	17	11565	7 7/8	1535 SXS	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	ANCHOR
					2 3/8	8615	8398

30. Perforation Interval(s), size and number

8486' to 8515' Bone Springs

31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8486' to 8515	250 gal 15% MSR
	1500 gal 20% MSR & 60 B.S.
	5000 gal 20% MSR-100 & 60 B.S.
	7500 gal 20% MSR BAF

32. PRODUCTION

Date First Production 2/6/85		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump (2" X 1 1/4" X 20' X 24')				Well Status (Prod. or Shut-in) Prod	
Date of Test 2/11/85	Hours Tested 24 hrs	Shut-in Time	Flowing Per Test Period 25	Oil - BBL 25	Gas - MCF 25	Water - BBL 0	Sum - BBL (Total) 1000
Flow Tubing Pressure	Casing Pressure	Shut-in Pressure 24-Hour Rate 25	Oil - BBL 25	Gas - MCF 25	Water - BBL 0	If Gravity - Add (Total) 35.2	

33. Disposition of Gas (Sold, used for fuel, vented, etc.)

Fuel

Test Witnessed by
Ray Coor

34. List of Attachments

Deviation Survey & Logs.

35. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature]

Well Driller Superintendent

DATE 2/12/85

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by log. In the case of horizontally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1165.

Northwestern New Mexico

O.C.D.
HOBBS OFFICE

3681

AMERADA HESS CORP.
1625 BROADWAY-SUITE 2200
ATTN: JOHN HARDING
DENVER, COLO

80202

PROSPECT
LOCATIONHOWRY "25" #1
SEC. 25 T-17SR-37E
1650' FNL & 330' FWL
11700PROJECTED TD
CONTRACTOR

500# BAF & 38 BBL ACID (800 PSI INC.) 3.0 BPM
 800# BAF & 60 BBL ACID (550 PSI INC.) 3.0 BPM
 FLUSH W/50 BBL SLICK WATER. FIN RATE 5.4 BPM @ 5200#, ISIP
 3600, 10" 2940#, RU TO REC 248 BL. IFL SURFACE, REC 46 BBLs
 FFL 5000', 202 BBL TO REC. SDFN.

01/27/85 SITP 130# (ACID GAS), IFL 3500', REC 24 BW & 1 BO, FFL 8000
 (700'/HR FLUID ENTRY), 177 BBLs LEFT TO REC.

01/28/85 SD FOR SUNDAY.

01/29/85 SITP-30# RU SWB IFL-3500' FFL-SN. 200'/HR. FLUID ENTRY. REC
 31 BO + 5 BW. LAST RUN 100% OIL. SI SDFN

01/30/85 SITP-100#. RU SWB IFL-5500' FFL-SN. REC 20 BBLs OIL & 5 BBLs
 WTR. LAST RUN 100% OIL. 500'/HR FLUID ENTRY. TLTR-167 BBLs
 SI SDFN

01/31/85 SITP-135# RU SWB. IFL-6500' FFL-SN. 500'/HR FLUID ENTRY. REC
 20 BO SI SDFN

02/01/85 SITP-135#. RU SWB. IFL-6500# FFL-SN. 500'/HR FLUID ENTRY. SI
 SDFN

02/02/85 SD DUE TO BAD WEATHER

02/03/85 SD DUE TO WEATHER

02/04/85 SD FOR SUNDAY

02/05/85 POH W/268 JTS 2 3/8" TBG. PICK UP SN, 7 JTS 2 3/8" TBG, 5
 1/2" ANCHOR & SIH. GET IN W/54 STANDS & SDFN

02/06/85 FIN. GIH W/TBG (277 JTS) SET ANCHOR W/15,000 TENSION. SN @
 8615'/ANCHOR @ 8398'. GIH W/2" X 1 1/4" X 20' X 24' PUMP, 1-
 3/4 X 2' PONY, 204-3/4" RODS, 137-7/8" RODS, 1-7/8" X 4'
 PONY & POLISH ROD. CHECK PUMP ACTION-O.K. CLAMP WELL OFF 12"
 OFF BOTTOM. RELEASE RENTAL EQUIP. & PULLING UNIT. WAITING ON

BONE SPRINGS PUMP JACK

02/07/85 STARTED PUMPING 1:00 P.M. 2-6-85 93-BF IN 18 HRS

02/08/85 NO REPORT AVAIL

02/09/85 7-BO 45-BW

02/10/85 25-BO 23-BW

02/11/85 28 HRS - 75 BF (19 BO & 56 BW).

02/12/85 25-BO 0-BW

02/13/85 19-BO 4-BW IN 24 HRS

02/14/85 4-BW 12-BO IN 20 HRS

02/15/85 6-BO 9-BW IN 24 HRS

02/16/85 32-BO 0-BW IN 24 HRS

02/17/85 NO REPORT AVAIL.

(ABOVE FLOW TEST FROM THE BONE SPRINGS FORMATION)

3681

AMERADA HESS CORP.
1625 BROADWAY-SUITE 2200
ATTN: JOHN HARDING
DENVER, COLO

80202

PROSPECT
LOCATIONHOWRY "25" #1
SEC. 25 T-17SR-37E
1650' FNL & 330' FWL
11700PROJECTED TD
CONTRACTOR

02/18/85 NO REPORT AVAIL.
02/19/85 SET TANKS. WTR TO PIT. 15-BO
02/20/85 DN. NO PROD. WILL RESTART TODAY
02/21/85 23-BO, WTR TO PIT, 24 HRS
02/22/85 5-BO DN 18 HRS DUE TO ENGINE REPAIRS
02/23/85 32-BO IN 24 HRS
02/24/85 20-BO IN 24 HRS
02/25/85 18 BO IN 24 HRS
02/26/85 20-BO IN 24 HRS
02/27/85 19-BO IN 24 HRS
03/01/85 18-BO IN 24 HRS. DROPPED FROM REPORT UNTIL FURTHER NOTICE
03/05/85 17-BO (DAILY AVERAGE)
03/12/85 19-BO 0-BW (DAILY AVERAGE)
03/19/85 20-BO (DAILY AVG) (ALL PRODUCTION TO THIS DATE IS FROM BONE SPRINGS FORMATION)
08/06/85 MI & RU MONUMENT WELL SERVICE. POOH W/1-4' X 7/8" PONY RODS,
137-7/8" RODS, 205-3/4" RODS, 1-4' X 3/8" PONY ROD & PUMP.
ND WELL HEAD/NU BOP. UNSET ANCHOR & POOH W/277 JTS 2 3/8"
TBG, SN & ANCHOR. HOLD H2S SAFETY MEETING. SI SDFN

08/07/85 GIH W/SG MILL TOOTH BIT, 6-3 1/2" DC'S ON 2 3/8" TBG. TAG UP
@ 9338'. DRILL 12' SOFT CMT & TAG UP ON CIBP @ 9350'. DRILL
& PUSH CIBP TO 9418'. CIRC CLN & SDFN

08/08/85 PUSHED CIBP & DRILLED UP @ 9430'. START DRLG CMT @ 9535'.
POOH & CHANGE BIT. GIH W/NEW BIT. SDFN

08/09/85 TAG @ 9430'. DRILL CMT 9503'. FELL TO 9900'. DRILL 20' SOFT
CMT, 40' HARD CMT. TAG CIBP @ 995'. DRILL & PUSH CIBP TO
10,220'. POOH & LD COLLARS. REL REV EQUIP. SI SDFN. 25 BBLS
TO LOAD HOLE. LOST 25 BBLS WHILE DRILLING.
MAX REC H2S 43 PPM.

08/10/85 GIH W/PKR & FL RECEPTACLE, 1.81 PROFILE ON 328 JTS, N-80 TBG
SET PKR @ 10,004' IN 10,000# COMPRESSION. RU SWAB, IFL SURF
FFL SN. REC 40 BBLS FLUID, LAST 2 RUNS 50% OIL W/SLIGHT
BLOW ON TBG. TREAT TBG W/H2S SCAVENGER (MAX H2S 21,500 PPM)
SDFN.

08/11/85 SITP 700#, BD IN 10 MIN, GOOD GAS. MADE 1 SWAB RUN, FLUID
SCATTERED. RU DOWELL & ACIDIZE W/1500 GAL 20% MSR-100.
AVG RATE .9 BPM @ 4800#, MAX RATE 2.4 BPM @ 5000#, FINAL
RATE 1.8 BPM @ 4620#. ISIP 3800#, 5" 2400#, 10" 2190#, 15"
2000#, OPEN WELL TO PIT. FLOWED BACK ALL FLUSH & ACID.
STARTED FLOWING GAS W/OIL @ 700# ON 3/4" CK. SI & FLOW TO
FRAC TANK FOR 1 HOUR 600# ON 32/64" CK. WELL FLOWED 24 BO &
3 BW. RU KNOX & LOAD TBG W/H2S SCAVENGER. SI & SDFN. MAX

DAILY PRODUCTION
HOWRY "25" #1
BONE SPRINGS

<u>DATE</u>	<u>PRODUCTION</u>	<u>DATE</u>	<u>PRODUCTION</u>
1-20-85	16 BO	3-10-85	18 BO
1-22-85	21 BO	3-11-85	Dwn w/Engine Trouble
1-23-85	24 BO	3-12-85	33 BO
1-27-85	1 BO	3-13-85	17 BO
1-29-85	31 BO	3-14-85	15 BO
1-30-85	20 BO	3-15-85	18 BO
2-9-85	7 BO	3-16-85	17 BO
2-10-85	25 BO	3-17-85	18 BO
2-11-85	28 BO	3-18-85	18 BO
2-12-85	25 BO	3-19-85	18 BO
2-13-85	19 BO	3-20-85	17 BO
2-14-85	12 BO	3-21-85	18 BO
2-15-85	6 BO	3-22-85	19 BO
2-16-85	32 BO	3-23-85	13 BO
2-21-85	23 BO	3-24-85	17 BO
2-22-85	5 BO	3-25-85	18 BO
2-23-85	32 BO	3-26-85	17 BO
2-24-85	20 BO	3-27-85	17 BO
2-25-85	18 BO	3-28-85	17 BO
2-26-85	20 BO	3-29-85	15 BO
2-27-85	19 BO	3-30-85	15 BO
3-1-85	18 BO	3-31-85	17 BO
3-2-85	20 BO	4-01-85	17 BO
3-3-85	20 BO	4-02-85	17 BO
3-4-85	17 BO	4-03-85	15 BO
3-5-85	17 BO	4-04-85	17 BO
3-6-85	20 BO	4-05-85	17 BO
3-7-85	18 BO	4-06-85	15 BO
3-8-85	20 BO	4-07-85	18 BO
3-9-85	18 BO	4-08-85	15 BO

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HOWRY "25" #1
DAILY PRODUCTION
BONE SPRINGS
PAGE #2

<u>DATE</u>	<u>PRODUCTION</u>	<u>DATE</u>	<u>PRODUCTION</u>
4-09-85	12 BO	5-10-85	19 BO
4-10-85	17 BO	5-11-85	17 BO
4-11-85	18 BO	5-12-85	15 BO
4-12-85	13 BO	5-13-85	13 BO
4-13-85	15 BO	5-14-85	17 BO
4-14-85	17 BO	5-15-85	15 BO
4-15-85	15 BO	5-16-85	12 BO
4-16-85	17 BO	5-17-85	12 BO
4-17-85	15 BO	5-18-85	17 BO
4-18-85	15 BO	5-19-85	13 BO
4-19-85	15 BO	5-20-85	13 BO
4-20-85	20 BO	5-21-85	12 BO
4-21-85	17 BO	5-22-85	12 BO
4-22-85	12 BO	5-23-85	17 BO
4-23-85	17 BO	5-24-85	15 BO
4-24-85	10 BO	5-25-85	17 BO
4-25-85	15 BO	5-26-85	12 BO
4-26-85	17 BO	5-27-85	15 BO
4-27-85	18 BO	5-28-85	13 BO
4-28-85	12 BO	5-29-85	12 BO
4-29-85	13 BO	5-30-85	13 BO
4-30-85	Dwn for Repairs	5-31-85	15 BO
5-01-85	37 BO	6-01-85	13 BO
5-02-85	7 BO	6-02-85	12 BO
5-03-85	13 BO	6-03-85	15 BO
5-04-85	10 BO	6-04-85	11 BO
5-05-85	3 BO	6-05-85	12 BO
5-06-85	Dwn with Engine Trouble	6-06-85	17 BO
5-07-85	17 BO	6-07-85	16 BO
5-08-85	25 BO	6-08-85	15 BO
5-09-85	12 BO	6-09-85	12 BO

HOWRY "25" #1
DAILY PRODUCTION
BONE SPRINGS
PAGE #3

<u>DATE</u>	<u>PRODUCTION</u>	<u>DATE</u>	<u>PRODUCTION</u>
6-10-85	10 BO	7-10-85	11 BO
6-11-85	12 BO	7-11-85	12 BO
6-12-85	12 BO	7-12-85	10 BO
6-13-85	15 BO	7-13-85	15 BO
6-14-85	15 BO	7-14-85	17 BO
6-15-85	12 BO	7-15-85	10 BO
6-16-85	15 BO	7-16-85	8 BO
6-17-85	12 BO	7-17-85	12 BO
6-18-85	13 BO	7-18-85	13 BO
6-19-85	12 BO	7-19-85	15 BO
6-20-85	12 BO	7-20-85	15 BO
6-21-85	15 BO	7-21-85	10 BO
6-22-85	13 BO	7-22-85	12 BO
6-23-85	12 BO	7-23-85	12 BO
6-24-85	15 BO	7-24-85	12 BO
6-25-85	13 BO	7-25-85	9 BO
6-26-86	12 BO	7-26-85	11 BO
6-27-85	12 BO	7-27-85	12 BO
6-28-85	13 BO	7-28-85	13 BO
6-29-85	15 BO	7-29-85	12 BO
6-30-85	12 BO	7-30-85	12 BO
7-01-85	12 BO	7-31-85	10 BO
7-02-85	13 BO	8-01-85	15 BO
7-03-85	12 BO	8-02-85	13 BO
7-04-85	13 BO	8-03-85	13 BO
7-05-85	13 BO	8-04-85	13 BO
7-06-85	15 BO	8-05-85	10 BO
7-07-85	14 BO	8-06-85	SI for WO
7-08-85	10 BO		
7-09-85	10 BO		

EXHIBIT FOR SECTION (e)
YEARLY PRODUCTION DECLINE OR HISTORY OF COMPLETION
AND PRODUCTION TO DATE

WOLFCAMP

RECEIVED

NOV 1 - 1985

O.C.D.
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