

OIL CONSERVATION DIVISION
RECEIVED

APR 22 1993 8 06 AM
HANSON OPERATING COMPANY, INC.

P.O. BOX 1515

ROSWELL, NEW MEXICO 88202-1515

PHONE AC 505-622-7330

April 19, 1993

New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

Re: JUNCTION FEDERAL #1 WELL
Section 17, T8S, R37E
Roosevelt County, New Mexico

Dear Mr. Stogner:

The above captioned well was drilled as a Devonian-Wildcat, located 1650'FSL and 1650'FWL, NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 17. The Devonian was tested on March 17, 1993 and plugged back to the Bough "C" formation. 5 $\frac{1}{2}$ " casing was set through the Bough "C" and a completion attempt has been initiated.

This well falls within one mile of the Allison-Penn Pool and is therefore, subject to its rules and spacing. This ~~pool is set up~~ on 80-acre spacing and provides the initial location to be 150 feet from the center of either the NW or SE of the quarter-section in which the well is located.

Since the above captioned well is in the NESW of the quarter-section, it is unorthodox for the Allison-Penn Pool rules. Hanson Operating Company, Inc. is requesting administrative approval to place this well in the Allison-Penn Pool subject to its rules. Future Bough "C" development will comply with the Allison-Penn Pool rules.

Attached is a listing of all offset operators who received this letter. If you have any questions or need additional information, please do not hesitate to contact me.

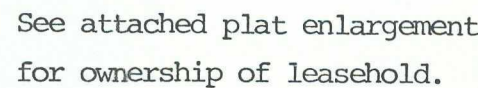
Thank you.

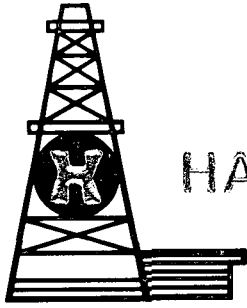
Sincerely,

HANSON OPERATING COMPANY, INC.

David Sweeney
Drilling & Production Superintendent

DS:bc
Attachment





HANSON OPERATING COMPANY, INC.

P.O. BOX 1515

ROSWELL, NEW MEXICO 88202-1515

PHONE AC 505-622-7330

OIL CONSERVATION DIV.
RECEIVED

'93 APR 20 AM 9 50

April 20, 1993

New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

Re: JUNCTION FEDERAL #1

Dear Mr. Stogner:

Enclosed are three copies of the attachment that should have been sent with the application mailed to you on April 19, 1993. This attachment was inadvertently omitted from the application.

I apologize for any inconvenience this may have caused.

Sincerely,

HANSON OPERATING COMPANY, INC.

David Sweeney
Drilling & Production Superintendent

/bc
Enclosures

J U N C T I O N F E D E R A L # 1

Section 17
Township 8 South, Range 37 East
Roosevelt County, New Mexico

Copy of Application to NMOCD relative to above captioned well dated April 19, 1993 sent to the following:

FINA OIL & CHEMICAL COMPANY
Attention: Mr. Mark Landson
14950 Heathrow Forest Parkway
Suite 300
Houston, Texas 77032

J U N C T I O N F E D E R A L # 1

Section 17
Township 8 South, Range 37 East
Roosevelt County, New Mexico

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CONSERVATION DIVISION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

93 MAY 13 AM 8 58

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

5-6-93

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL X _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Hanson Operating Co. Inc. Junction Federal #1-K 17-8-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

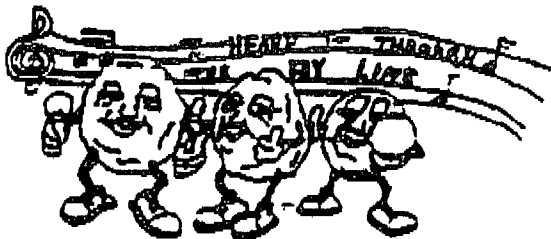
TO: Mike Stogher

FROM: Hobbs-OCD

DATE: 5-26-93

NUMBER OF PAGES: 5
(INCLUDING COVER)

CD FAX NUMBER: (505) 393-0720
YOU DO NOT RECEIVE A TRANSMISSION, CALL (505) 393-6161



Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-86945	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> REPERFORATION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DUFF CEMENT <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Junction Federal	
2. NAME OF OPERATOR HANSON OPERATING COMPANY, INC.		7. UNIT AGREEMENT NAME #1	
3. ADDRESS OF OPERATOR P.O. Box 1515 Roswell, New Mexico 88202-1515		8. WELL NO. #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 1650' FWL Sec 17 T-8s R-37E NR SW At top prod. interval reported below same as above At total depth same as above		10. FIELD AND POOL, OR WILDCAT Allison Penn	
14. PERMIT NO. 30-041-20863		12. COUNTY OR PARISH Roosevelt	
DATE ISSUED 12-10-91		13. STATE NM	
15. DATE SPUDDED 2-4-93	16. DATE T.D. REACHED 3-15-93	17. DATE COMPL. (Ready to prod.) 4-25-93	18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4059 RKB
19. ELEV. Casinghead 4042' GR		20. TOTAL DEPTH, MD & TVD 11935'	
21. PLUG BACK T.D., MD & TVD 9500'		22. IF MULTIPLE COMPL. HOW MANY? NA	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-11935 CABLE TOOLS		24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9438'-9460', BOUGH "C"	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS R/N Dual Lateral Log-Micro 2-Density Compensated Neutron Gamma Ray, CAL	
27. WAS WELL CORED No			

29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	68#	495'	17 1/2	200sx Lite, 200sx "C"	NA
8 5/8	24 & 32#	4200'	12 1/4	1450sx Lite, 250sx "C"	NA
5 1/2	20 & 23#	9500'	7 7/8	1st Stage 500sx Lite, 300sx "H"	NA
				2nd Stage - 300sx "C"	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 7/8	9440'
						NA

31. PERFORATION RECORD (Interval, size and number) 9438'-9447' 4SPF 9450' - 9453' 4SPF 9456' - 9460' 4SPF		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 9438'-9460' AMOUNT AND KIND OF MATERIAL USED 2000 gal. of 15% MCA Acid 5000 gal of 20% NEFE	
--	--	---	--

33. PRODUCTION							
DATE FIRST PRODUCTION 4-10-93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 1/2 X 1 1/4 X 24				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-26-93	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD 77	OIL—BBL. 77	GAS—MCF. 150	WATER—BBL. 1	GAS-OIL RATIO 1948/1
FLOW. TUBING PRESS. 0	CASING PRESSURE 0	CALCULATED 24-HOUR RATE 77	OIL—BBL. 77	GAS—MCF. 150	WATER—BBL. 1	OIL GRAVITY-API (CORR.) 47	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	TEST WITNESSED BY Layne Rodgers
--	------------------------------------

35. LIST OF ATTACHMENTS Logs, Deviation Report, DST Reports
--

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED David Sweeney TITLE Drilling & Production Supt DATE 4-28-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
San Andres	4733'	4886'	Dolomite w/show oil
Pennsylvania	9089'	9395'	DST 9089'-9395' PF: open w/good blow PF: open w/good blow IH 4728#, IFF 642#, FPF 1118#/60 min. ISIP 3150#/60 min., IFF 1408# FPF 2374#/120 min., FSIP 3109#/180 min. FH 4728# Rec. 703' M, 4195' FW Samples Rec. 2450cc FW
Bough "C"	9438'	9460'	Production tested oil
Devonian	11,926'	T.D.	DST 11,890' - 11,935' PF: open w/good blow PF: open w/good blow IH 6005#, IFF 2324#, FPF 3925#/30 min. ISIP 4254#/92 min., IFF 4254# FPF 4282#/724 min., FSIP 4419#/90 min. FH 6005# Rec. 124 Bdlg FW Sampler Rec. 2550cc FW

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
P1	4585	-526
Glorieta	5420	-1361
Tubb	6822	-2763
Abo	7613	-3554
Wolfcamp	8771	-4712
Bough "C"	9438	-5379
Miss.	11570	-7511
Woodford	11720	-7661
Devonian	11880	-7821

RECEIVED
APR 30 1993
OCD HOBBS OIL CONSRN

CONFIDENTIAL

05/26/93 09:06
Form 100-5
November 1981
(Formerly O-331)

1 505 393 0720
**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

HOBBS OIL CONSRN -> SANTA FE

SUBMIT IN TRIPLICATE
(Other instructions on form side)

Expires August 31, 1985
0004

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" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM-86945
2. NAME OF OPERATOR Hanson Operating Company, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico 88202-1515		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FSL & 1650' FWL, Sec.17-8S-37E Unit K NESW.		8. FARM OR LEASE NAME Junction Federal
14. PERMIT NO. 30-041-20863		9. WELL NO. 1
15. ELEVATIONS (Show whether of, at, or etc.) 4042' GR		10. FIELD AND POOL, OR WILDCAT Wildcat Devonian
		11. SEC., T., R., M., OR BLK. AND CORNER OR AREA Sec.17-8S-37E
		12. COUNTY OR PARISH Roosevelt
		13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANT ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DETAILED, FINISHED 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.)

Reached TD of 11,935' on 3-15-93. Encountered lost circulation when drilling through Devonian Porosity. Attempted DST on 3-15-93, lost DST tool in hole. Recovered DST tool and re-ran DST on 3-18-93. Attempted to run logs on 3-20-93, did not get to bottom. On 3-22-93 set a 125 sx Premium "H" cement plug from TD to 11,500'. Tagged plug at 11,550. Top of Mississippian is at 11,560'.

18. I hereby certify that the foregoing is true and correct

SIGNED

Patricia A. McLean

TITLE Production Analyst

DATE

3/30/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

05/26/93 09:06
Form 1100-5
November 1983
(Formerly 9-331)

1 505 393 0720

HOBBS OIL CONSRN --- SANTA FE

0005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT--" for such proposals.)

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3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico 88202-1515		7. UNIT AGREEMENT NAME NA
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14. PERMIT NO. 30-041-20863		9. WELL NO. 1
15. ELEVATIONS (Show whether OF, ST, OR, etc.) 4042' GR		10. FIELD AND POOL, OR WILDCAT Wildcat Devonian
		11. SEC., T., R., M., OR B.L. AND SUBST OR AREA Sec.17-8S-37E
		12. COUNTY OR PARISH Roosevelt
		13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANT

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Running Long String

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DEPTH, RIG, 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.)

On 3-36-93 Ran and cemented 5 1/2 Casing as follows: Guide Shoe (1') 1jt
5 1/2 23# p-100 LTC csg (27.74) Float Collar (1') 58 jts 5 1/2 23# P-110 LTC
csg (1679.39). 60 jts 5 1/2 23# N 80 LTC csg (2401.60) 22 jts 5 1/2 20#
P-110 LTC csg (893.94) DV tool (3.40), 89 jts 5 1/2 20# P-110 LTC csg (2766.86)
23# N-80 LTC csg (1757.46). Set at 9505.83 KB.
Cement 1st stage with 1000 gallons of Super Flush 102, followed by 500 sx Howco
Lite with 3% Halad 9, 1/4# Flocele per sx, tail in with 300 sx 50/50 POZ "H"
with 10# Micro Bond, 5# salt, .3% Halad 22 per sx. Open DV tool and circulate
5 Hours.

2nd stage= 100 gallons of Super Flush 102, followed by 300 sx 50/50 "C" w/.4%
Halad 9 & 3 KCL per sx. Plug down at 3:00 PM. PSI to 600# held OK.

18. I hereby certify that the foregoing is true and correct

SIGNED

Patricia A. McLeaver

TITLE Production Analyst

DATE 3/30/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 2, 1995

Smith & Marrs, Inc.
Box 863
Kermit, Texas 79445

Attention: Eddy W. Seay

Administrative Order NSP-1727

Dear Mr. Seay:

Reference is made to your application dated April 28, 1995 on behalf of the operator, Smith & Marrs, Inc. for a 40-acre non-standard oil spacing and proration unit consisting of the following acreage in the Allison-Pennsylvanian Pool:

ROOSEVELT COUNTY, NEW MEXICO
TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 17: NE/4 SW/4

It is my understanding that this unit is to be dedicated to your existing Junction Federal Well No. 1 (API No. 30-041-20863), located at a previously approved unorthodox oil well location (approved by Division Administrative Order NSL-3251, dated May 27, 1993) 1650 feet from the South and West lines (Unit K) of said Section 17.

By authority granted me under the provisions of Rule 4 of the "*Special Rules and Regulations for the Allison-Pennsylvanian Pool*", as promulgated by Division Order No. R-1389-B, the above-described non-standard oil spacing and proration unit is hereby approved.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay".

William J. LeMay
Director

WJL/mes

cc: Oil Conservation Division - Hobbs
U. S. BLM - Roswell
File: NSL-3251 ✓

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

APPLICATION OF THE ATLANTIC
REFINING COMPANY FOR AN ORDER
COMBINING THE ALLISON-PENNSYL-
VANIAN AND NORTH ALLISON PENN-
SYLVANIAN POOLS, LEA AND ROOSE-
VELT COUNTIES, NEW MEXICO, AND
FOR THE PROMULGATION OF SPECIAL
RULES AND REGULATIONS TO PROVIDE
FOR 80-ACRE PRORATION UNITS.

CASE NO. 1637
Order No. R-1389-B

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 15, 1959, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," and Order No. R-1389 was entered on May 7, 1959. The case was reopened and a rehearing held on July 15, 1959, at Mabry Hall, State Capitol, Santa Fe, New Mexico.

NOW, on this 26th day of August, 1959, the Commission, a quorum being present, having considered the application and the evidence adduced at the original hearing and at the rehearing and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, The Atlantic Refining Company, seeks an order combining the Allison-Pennsylvanian Pool and the North Allison-Pennsylvanian Pool, Lea and Roosevelt Counties, New Mexico.

(3) That the testimony presented establishes that the wells in the Allison-Pennsylvanian Pool and the North Allison-Pennsylvanian Pool, as well as certain intervening acreage, are producing from a single common source of supply and that said pools should be combined and designated as the Allison-Pennsylvanian Pool with the pool to encompass the acreage shown in Appendix "A" attached hereto and made a part hereof.

(4) That the applicant further seeks the promulgation of special rules and regulations for said Allison-Pennsylvanian Pool to provide for 80-acre proration units.

(5) That the applicant has proved by a preponderance of the evidence that the Allison-Pennsylvanian Pool, comprising the acreage shown in Appendix "A," can be efficiently and economically drained and developed on 80-acre proration units.

(6) That to require development of the Allison-Pennsylvanian Pool on 40-acre proration units might cause the drilling of unnecessary wells.

(7) That the evidence presented indicates that it is uneconomical to drill wells on 40-acre proration units in the Allison-Pennsylvanian Pool and to remain on such a spacing pattern might impede further development in said pool.

(8) That the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That Commission Order No. R-1389, dated May 7, 1959, be and the same is hereby superseded effective September 1, 1959.

(2) That special rules and regulations for the Allison-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, with horizontal limits as described in Appendix "A," be and the same are hereby promulgated as follows effective September 1, 1959; provided, however, that the increased allowable provisions contained herein shall not become effective until October 1, 1959.

SPECIAL RULES AND REGULATIONS FOR THE
ALLISON-PENNSYLVANIAN POOL

RULE 1. Each well completed or recompleted in the Allison-Pennsylvanian Pool or in the Pennsylvanian formation within one mile of the Allison-Pennsylvanian Pool, and not nearer to nor within the limits of another designated Pennsylvanian pool, shall be spaced, drilled, operated, and prorated in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well completed or recompleted in the Allison-Pennsylvanian Pool shall be located on a unit containing 80 acres, more or less, which consists of the S/2, N/2, E/2, or W/2 of a single governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The initial well on any 80-acre unit in said pool shall be located within 150 feet of the center of either the NW/4 or the SE/4 of the quarter section on which the well is located. Any well which was drilling to or completed in the Allison-Pennsylvanian Pool prior to September 1, 1959, is granted an exception to the well location requirements of this Rule.

RULE 4. For good cause shown, the Secretary-Director may grant exception to the requirements of Rule 2 without notice and hearing when the application is for a non-standard unit comprising a single quarter-quarter section or lot or when the application is for the purpose of joining fractional lots not exceeding 20.49 acres each with a standard unit. All operators offsetting the proposed non-standard unit shall be notified of the application by registered mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application if, after a period of 30 days, no offset operator has entered an objection to the formation of such non-standard unit.

The allowable assigned to any such non-standard unit shall bear the same ratio to a standard allowable in the Allison-Pennsylvanian Pool as the acreage in such non-standard unit bears to 80 acres.

RULE 5. An 80-acre proration unit (79 through 81 acres) in the Allison-Pennsylvanian Pool shall be assigned an 80-acre proportional factor of 4.77 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

IT IS FURTHER ORDERED:

That Operators who propose to dedicate 80 acres to a well in the Allison-Pennsylvanian Pool must file an amended Commission Form C-128 with the Hobbs District Office of the Commission by September 15, 1959, in order that the well may be assigned an 80-acre allowable on the October proration schedule.

-4- 1637
Case No. ~~1267~~
Order No. R-1389-B

APPENDIX "A"

ALLISON-PENNSYLVANIAN POOL

HORIZONTAL LIMITS

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM, ROOSEVELT COUNTY

Section 35: E/2
Section 36: W/2 W/2

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM, LEA COUNTY

Section 1: W/2 W/2
Section 2: E/2 NW/4, SW/4, E/2
Section 10: NE/4
Section 11: All
Section 12: W/2 NW/4

DONE at Santa Fe, New Mexico, on the day and year
hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

SEAL

A. L. PORTER, Jr., Member & Secretary

lcr/

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HOBBS, NEW MEXICO 88401

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR Hanson Operating Company, Inc.	3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico 88202-1515	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FSL & 1650' FWL, Sec.17-8S-37E Unit K NESW.	5. LEASE DESIGNATION AND SERIAL NO. 240NM-86945	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	7. UNIT AGREEMENT NAME NA	8. FARM OR LEASE NAME Junction Federal	9. WELL NO. 1	10. FIELD AND POOL, OR WILDCAT Wildcat Devonian	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.17-8S-37E	12. COUNTY OR PARISH Roosevelt	13. STATE New Mexi
14. PERMIT NO. 30-041-20863	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4042' GR											

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANT <input type="checkbox"/>	(Other) Csg & Cem Job <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. 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.)

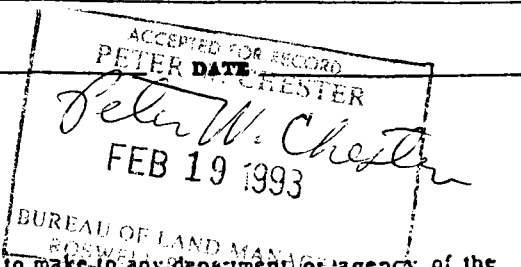
2-10-93 Ran & cem 99 jts 32# & 24# J-55 ST&C csg. Cem w/1450 sx Halliburton Lite w/15# salt & 1/4# flocele p/sx. Tail in w/250 sx Premium Plus w/ 2% CaCl p/sx. Plug dn @9:45 pm 2-10-93. Press to 1300#. Held Ok. Circ 150 sx to pit. WOC 18 hrs. Csg Set @4200'. NU & test BOP's to 3000 Psi.



18. I hereby certify that the foregoing is true and correct
SIGNED Lisa J. Jennings TITLE Production Analyst DATE 02/11/93
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
P. O. BOX 1980
ROSWELL, NEW MEXICO 88240

SECRET BUREAU NO. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

NM-86945

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Junction Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Devonian

11. SEC., T., R., N., OR B.L. AND
SURVEY OR AREA

Sec.17-8S-37E

12. COUNTY OR PARISH
Roosevelt

13. STATE
New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Hanson Operating Company, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 1515, Roswell, New Mexico 88202-1515

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

1650' FSL & 1650' FWL, Sec.17-8S-37E

Unit K NESW.

14. PERMIT NO.

30-041-20863

15. ELEVATIONS (Show whether DF, ST, OR, etc.)

4042' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANT

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Spud & Csg Job

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)

2/4/93 Spud @ 1:45 PM

2/4/93 Ran 15 jts 13 3/8" k-55 68# ST&C csg.
Set @495'.

Cem w/200sx Halliburton Lite w/1/4# flocele & 2% CaCl p/sx.
Tail in w/250 sx Class "C" w/2% CaCl p/sx. Plug DN 12:45 am
02/05/93. Press to 500#. Held ok. Circ 100 sx to surface.
WOC 18hrs.



18. I hereby certify that the foregoing is true and correct

SIGNED

Pat McGraw

TITLE Production Analyst

DATE 2/5/93

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
PETER W. CHESTER
DATE

FEB 18 1993

BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE OFFICE

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOROIL CONSERVATION DIVISION
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK 91 DE: DRILL <input checked="" type="checkbox"/> 8 53 DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-86945		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA		
2. NAME OF OPERATOR HANSON OPERATING COMPANY, INC.			7. UNIT AGREEMENT NAME NA		
3. ADDRESS AND TELEPHONE NO. P.O. Box 1515 Ph. 505-622-7330 Roswell, New Mexico 88202-1515			8. FARM OR LEASE NAME, WELL NO. Junction Federal No. 1		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650' FSL, 1650' FWL, Sec. 17-8S-37E (UNIT K) At proposed prod. zone Same (NESW)			9. AM WELL NO.		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles east of Milnesand, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat-Devonian		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17-8S-37E		
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Roosevelt		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE N.M.		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			19. PROPOSED DEPTH 12,000'		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* Upon Approval		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4042' GL			22. APPROX. DATE WORK WILL START* Upon Approval		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40	48#	500'	300 sx Class C - Circulate
12-1/4"	8-5/8" K-55	32# & 24#	4200'	800 sx Class C - Circulate
7-7/8"	5-1/2" K-55 or 4-1/2" K-55	15.5# or 11.6# 23# P/10" 17# K-55	12,000'±	400 sx Class H

Propose to drill to 12,000'± to test Devonian and intermediate formations. Set surface and intermediate casing as above. Set production casing to deepest commercial zone. Cement with sufficient volume to adequately isolate all porosity zones. See attached Drilling Data.

Perforate favorable zones. Run 2-7/8" tubing and test.

The fee surface owner has been contacted regarding surface damages.

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone 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.

24. SIGNED Jerry W. Long TITLE Permit Agent DATE November 21, 1991
(This space for Federal or State office use)
PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY David Stout TITLE Asst. Area Mgr. DATE 12/6/91

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Hanson Operating Company, Inc.			Lease Junction Federal		Well No. 1
Unit Letter K	Section 17	Township 8 South	Range 37 East	County NMPM	Roosevelt
Actual Footage Location of Well: 1650 feet from the South line and 1650 feet from the West line					
Ground level Elev. 4042	Producing Formation Devonian	Pool Wildcat	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

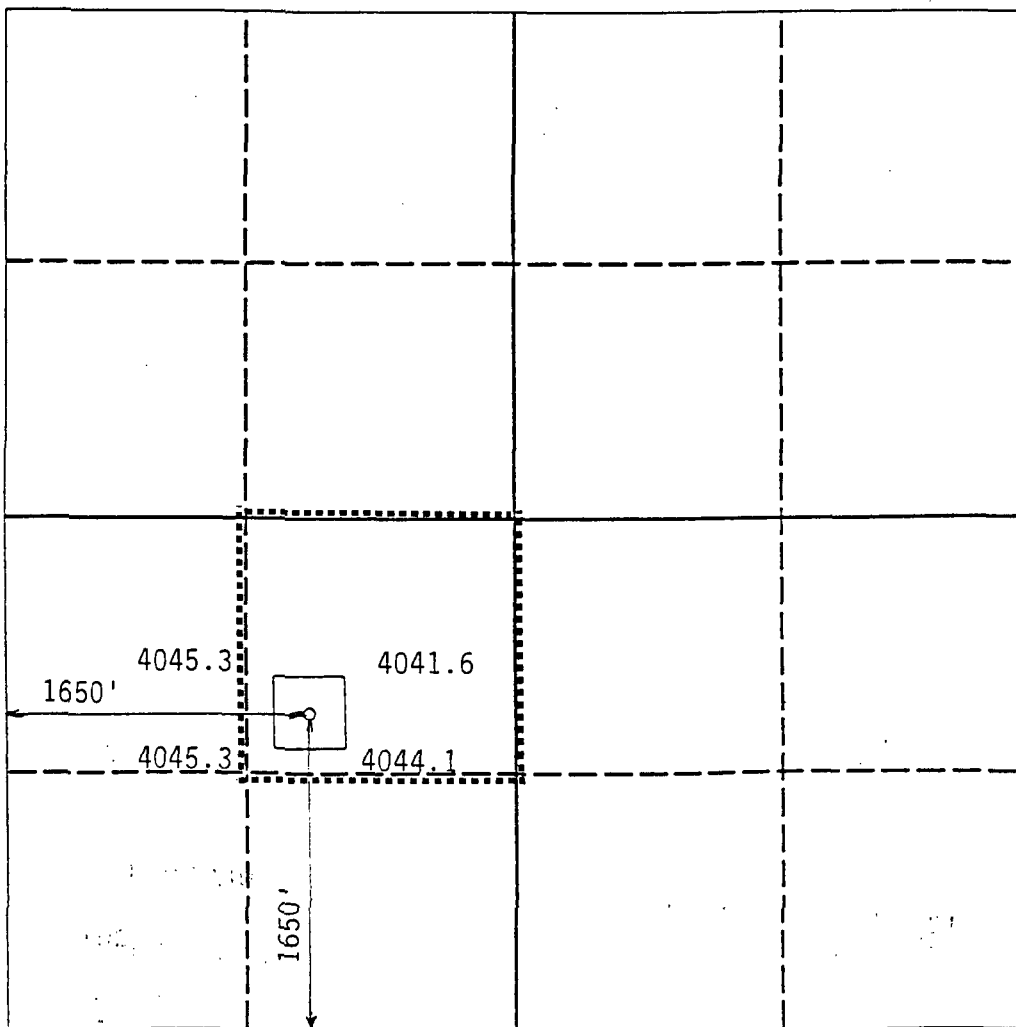
SINGLE LEASE

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

JERRY W. LONG

Position

Permit Agent

Company

HANSON OPERATING COMPANY

Date

November 21, 1991

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 13, 1991

Signature & Seal of
Professional Surveyor

P. R. Patton

Certificate No.

8112

SUPPLEMENTAL DRILLING DATA

HANSON OPERATING COMPANY, INC.

No.1 Junction Federal

NESW Sec.17-8S-37E

Roosevelt, N.M.

NM-86945

The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Order No.1:

1. SURFACE FORMATION: Recent Permian with Quaternary alluvium.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	2250'	Abo	7,710'
Salt	2345'	Hueco	9,040'
Yates	2860'	Bough "C"	9,600'
San Andres	4090'	Strawn	10,600'
Glorieta	5525'	Mississippian	11,700'
		Devonian	11,900'

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:

Water - 0' - 250'

Gas - None Expected

Oil - 9600' to TD

4. PROPOSED CASING PROGRAM:

13-3/8" Casing - Set 500', 48# H-40 surface casing.

8-5/8" Casing - Set 4200', 24# ^{4 3/2#} K-55 intermediate casing.
Tested to 1000#

5-1/2" Casing - Set 12,000', ^{1000' 23# P110 top of bottom, 10000' 17# K-55 in middle} 15.5# K-55 production casing. *FM*
Tested to 1500#

5. PRESSURE CONTROL EQUIPMENT: A 3000# pressure control system will be used. This will include a Series 900 double hydraulic BOP with proper manifolds. The BOP will be installed on the 8-5/8" casing and tested daily.

6. CIRCULATING MEDIUM: The following mud program will be used to control pressure and circulate cuttings from the indicated intervals:

Surface - 500': Drill with fresh water gel/lime slurry and appropriate lost circulation material to discourage seepage.

500' - 7500': Drill with brine mud.

7500' - TD: Drill with brine mud using 2-3% oil.
Mud weight 10.0#, Vis. 35.5.

7. AUXILIARY EQUIPMENT: A full-opening valve, to fit the drill string in use, will be kept on the rig floor at all times. Equipment will include gas detector and pit level monitor.

8. TESTING, LOGGING AND CORING PROGRAM:

Samples: Samples will be caught at 10' intervals from surface casing to total depth.

DST and Cores: Bough "C" may be drill stem tested.

Logging: Gamma Ray-Neutron and Density logs are proposed. Other logs may be run by the wellsite geologist.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE:

No abnormal pressures or temperatures are anticipated.
Hydrogen sulfide gas is not expected to be a problem.

10. ANTICIPATED STARTING DATE: Drilling will commence as soon as possible. Drilling and completion will require about 45 days.

RECEIVED

DEC 10 1991

RECEIVED
ROBERT L. HOBBS
AREA

NOV 22 3 53 PM '91

RECEIVED
-2-

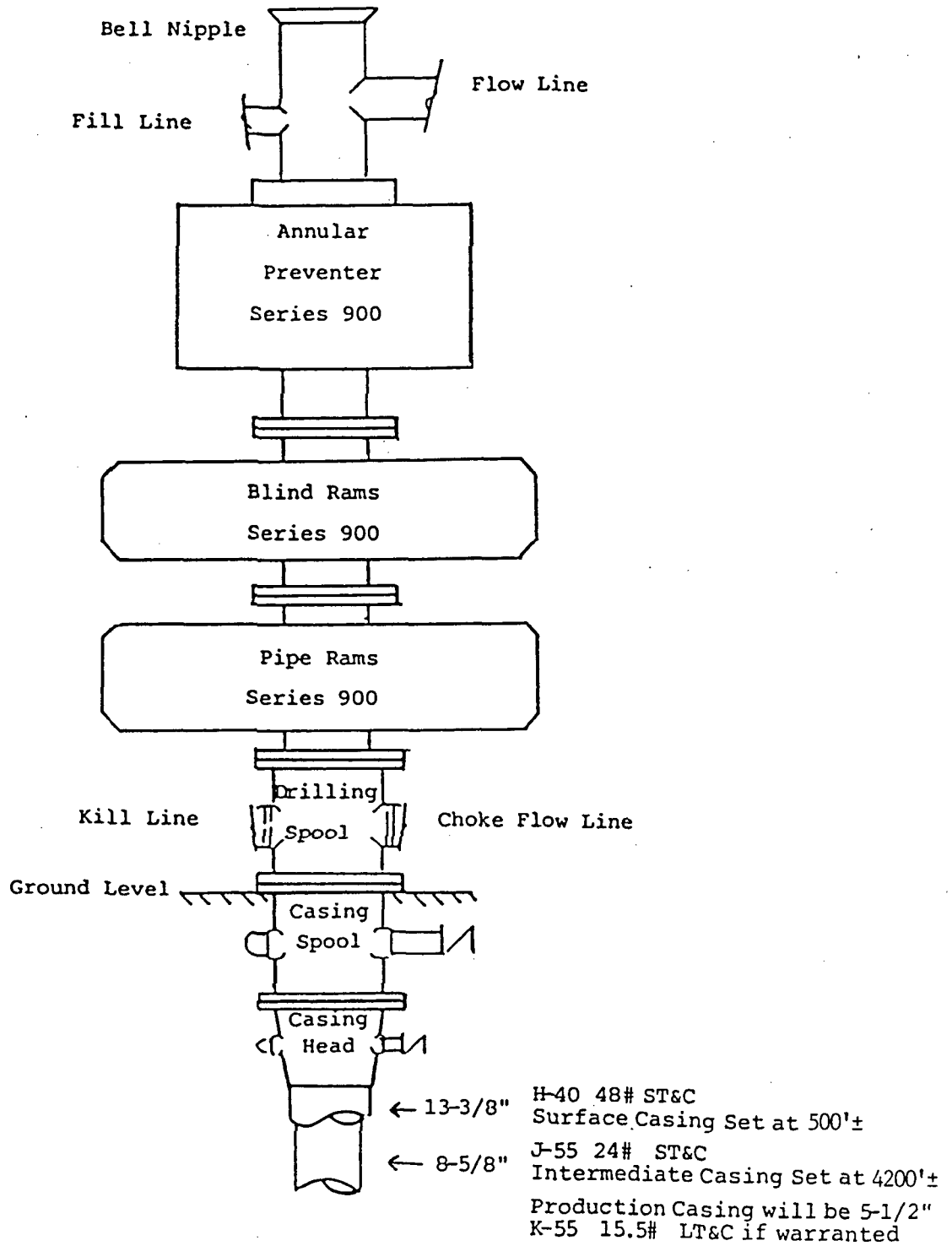
RECEIVED

DEC 10 1991

OCD
HOBBS OFFICE

HANSON OPERATING COMPANY, INC.
 No.1 Junction Federal
 NESW Sec.17-8S-37E
 Roosevelt, N.M.

NM-86945



BOP STACK



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

June 2, 1986

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501-2088
(505) 827-5800

MEMORANDUM NO. 4-86

TO: ALL OPERATORS AND INTERESTED PARTIES
FROM: R. L. STAMETS, DIRECTOR *RLS*
SUBJECT: CLARIFICATION OF ADMINISTRATIVE APPROVAL PROCESSES IN CERTAIN
POOLS WITH SPECIAL RULES

Division Rule 1 provides in part that: "Special rules, regulations and orders have been and will be issued when requested and shall prevail as against General Rules, Regulations and Orders if in conflict therewith. However, whenever these General Rules do not conflict with special rules heretofore or hereafter adopted, these General Rules shall apply."

Over the years, many special pool rules have been written. Many of these contained special rules providing for administrative exceptions to such matters as location requirements or spacing unit size while others did not. One prevailing opinion is that the intent of those special rules without administrative exception provisions was to preclude such exceptions. The counter opinion is that when read with Rule 1, if nothing is said, then the administrative exception provisions in the General Rules shall apply.

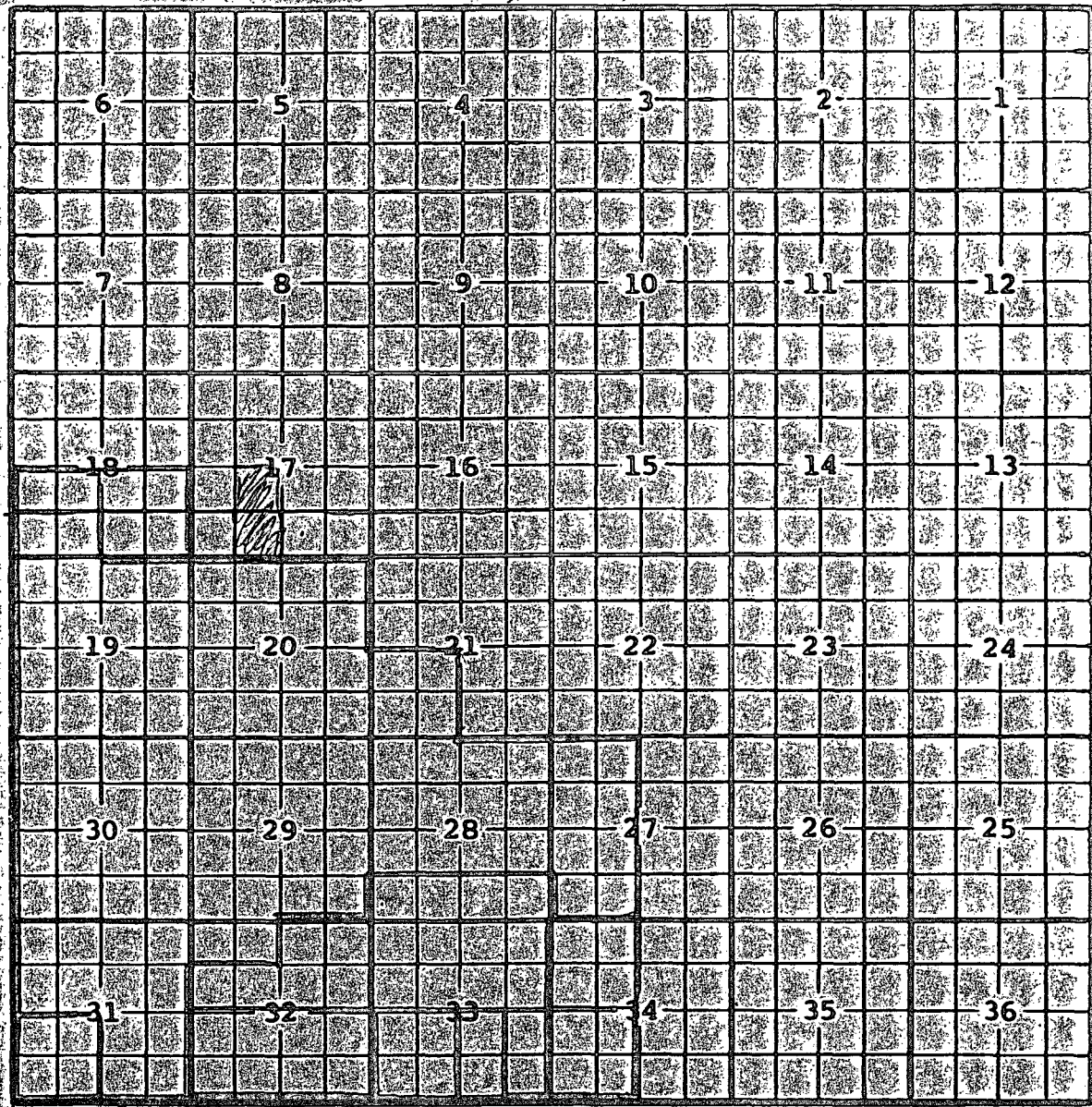
Notice is hereby provided that it is henceforth to be Division policy to utilize the administrative exceptions or approval procedures of the General Rules when special pool rules are silent as to such exceptions. This policy will save both the Division and operators the cost of unnecessary hearings.

Any person who is aware of any pool with special rules which should preclude any of the administrative exceptions or approvals provided in the General Rules should notify this office of such situation at the earliest possible date providing the reasoning for precluding administrative exceptions. Thereafter, we would suspend this policy for such pool and schedule a case to modify such special rules to incorporate the necessary prohibitions.

RLS:dp

COUNTY Roosevelt POOL Allison - Pennsylvanian

TOWNSHIP 8 South RANGE 37 East NMPM



Ext. $\frac{SW}{4}$ Sec. 31 (R-1857, 2-1-61) - $\frac{SW}{4}$ Sec. 18, All. Sec. 19 & 20; $\frac{SW}{4}$ Sec. 21;
 $\frac{W}{2}$ Sec. 27; $\frac{N}{2}$ & $\frac{N}{2}$ $\frac{S}{2}$ Sec. 28; All. Sec. 29 & 30; $\frac{N}{2}$ & $\frac{SE}{4}$ Sec. 31;
 $\frac{N}{2}$ $\frac{NW}{4}$ Sec. 32 (R-1981, 1-1-61) - $\frac{SE}{4}$ Sec. 18 (R-2047, 9-1-61) - $\frac{NE}{4}$ & $\frac{S}{2}$ $\frac{NW}{4}$ Sec. 32;
 $\frac{N}{2}$ Sec. 33; $\frac{S}{2}$ $\frac{S}{2}$ Sec. 28 (R-2101, 11-1-61) - $\frac{SW}{4}$ Sec. 33 (R-2201, 4-1-62)
 $\frac{S}{2}$ Sec. 32; $\frac{W}{2}$ $\frac{SE}{4}$ Sec. 33; $\frac{NW}{4}$ Sec. 34 (R-2266, 7-1-62)
- $\frac{E}{2}$ $\frac{SE}{4}$ Sec. 33 (R-2393, 1-1-63) - $\frac{SW}{4}$ Sec. 34 (R-2449, 4-1-63)

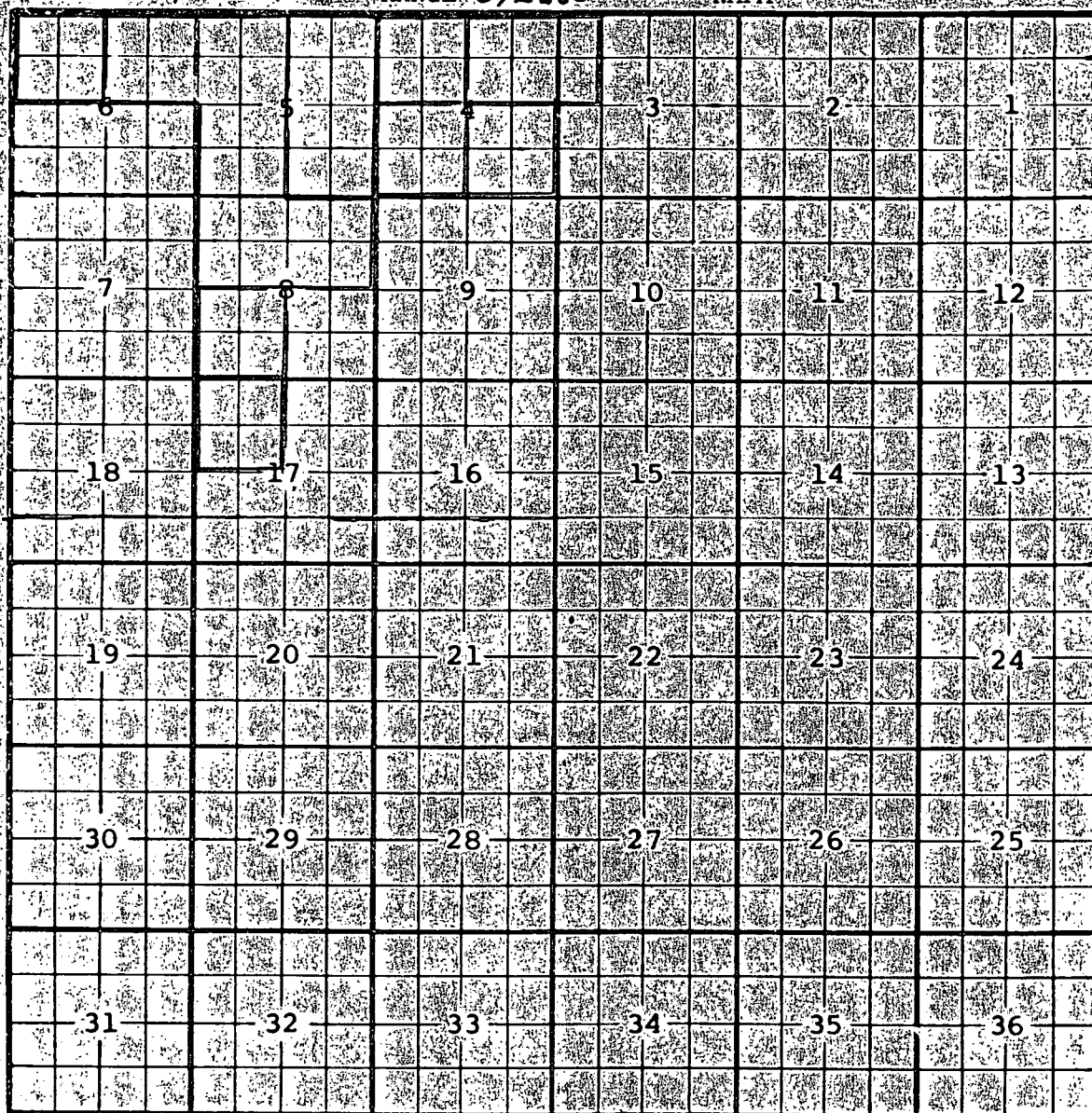
County Lea Pool Allison - Pennsylvanian

TOWNSHIP <u>9 South</u>						RANGE <u>36 East</u>						NEW MEXICO PRINCIPAL MERIDIAN					
6				5				4				3				2	
7				8				9				10				11	12
18				17				16				15				14	13
19				20				21				22				23	24
30				29				28				27				26	25
31				32				33				34				35	36

Description: $\frac{W}{2} \frac{W}{4}$ Sec. 1; $\frac{E}{2} \frac{NW}{4}$ SW $\frac{1}{4}$ & $\frac{E}{2}$ Sec. 2, NE $\frac{1}{4}$ Sec. 10;
All Sec. 11; $\frac{W}{2} \frac{NW}{4}$ Sec. 12 (R-1389-A, 8-26-59)
Ext: $\frac{E}{2} \frac{NW}{4}$ Sec. 1; $\frac{N}{2}$ Sec. 14; NE $\frac{1}{4}$ Sec. 15 (R-1509, 11-1-59)
Ext: NE $\frac{1}{4}$ Sec. 1 (R-1572, 2-1-60) = SW $\frac{1}{4}$ Sec. 14 (R-1633, 4-1-60)
= SE $\frac{1}{4}$ Sec. 1 (R-1857, 2-1-61) = SE $\frac{1}{4}$ Sec. 10 (R-1999, 7-1-61)
= $\frac{W}{2} \frac{NW}{4}$ Sec. 2 (R-2221, 5-1-62) = NW $\frac{1}{4}$ Sec. 10 (R-3959, 5-5-70)
= $\frac{S}{2}$ Sec. 12 (R-4014, 9-1-70) = $\frac{S}{2}$ SE $\frac{1}{4}$ Sec. 3 (R-4132, 5-1-71) = N SE $\frac{1}{4}$ Sec. 3 (R-4207, 11-1-71)

COUNTY *Lea*POOL *Allison - Pennsylvanian*TOWNSHIP *9 South*RANGE *37 East*

NMPM



Ext. $\frac{NW}{4}$ Sec. 6 (R. 1700, 7-1-60) - $\frac{W}{4}$ Sec. 5, $\frac{NE}{4}$ Sec. 6, $\frac{N}{4}$ Sec. 8 (R. 2047, 9-1-61)
 $\frac{E}{2}$ Sec. 5 (R. 2101, 11-1-61) - $\frac{NW}{4}$ Sec. 4; $\frac{SW}{4}$ Sec. 8 (R. 2306, 8-15-62) - $\frac{W}{2}$ $\frac{NW}{4}$ Sec. 3;
 $\frac{NE}{4}$ & $\frac{SW}{4}$ Sec. 4; $\frac{NW}{4}$ Sec. 17 (R. 2399, 1-1-63) - $\frac{SE}{4}$ Sec. 4 (R. 2449, 4-1-63)

PAGE 32

● CONTR: UNITED DRL, RIG #4; SPUD: 09/11/91, CSG: 8 5/8 @ 380 W/200 SX: 3065 TD, RIG REL: 09/16/91; 3065 TD COMP 9/27/91, D&A
 ■ HOLDING FOR API WELL DRILLED AS STRAT TEST. NO OTHER DETAILS . . (LDIR 05/06/93)