

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	JUL 30 2007	5. Lease Serial No. MT - 074937
2. Name of Operator SOUTHWEST ROYALTIES, INC.	OCD-ARTESIA	6. If Indian, Allottee or Tribe Name
3a. Address 6 Desta Drive, Suite 2100, Midland, TX 79705	3b. Phone No. (include area code) (432) 688-3267	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UNIT O, 660' FSL & 1980' FEL., SEC 10, T 17 S, R 30 E		8. Well Name and No PARKE "F" FED #1
		9. API Well No. 015 30-028-20597
		10. Field and Pool, or Exploratory Area GRAYBURG-JACKSON-SR-Q-G-SA
		11. County or Parish, State Eddy, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

- M.I.R.U. P & A Equipment. R.I.H. tbg. - 2,800'. Spot 30 sx. cmt. W.O.C. & tag @2,500'.
- Tag & plug. Mud up well. P.U.H. to 1,850'. Spot 30 sx. cmt. W.O.C. & tag @1,500'.
- P.U.H. 1,200'. Spot 20 sx. cmt. Calculated T.O.C. @1,000'.
- Perf. csg. @544'. Sqz. 250 sx. cmt. - surface 4 1/2" X 8 5/8".
- Make sure Wellbore stays full of cement.

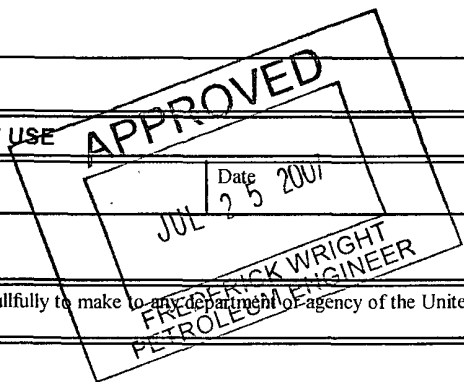
**Accepted for record
NMOC**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) RANDALL MINEAR	Title AGENT
Signature <i>Randall Minear</i>	Date 7-10-07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

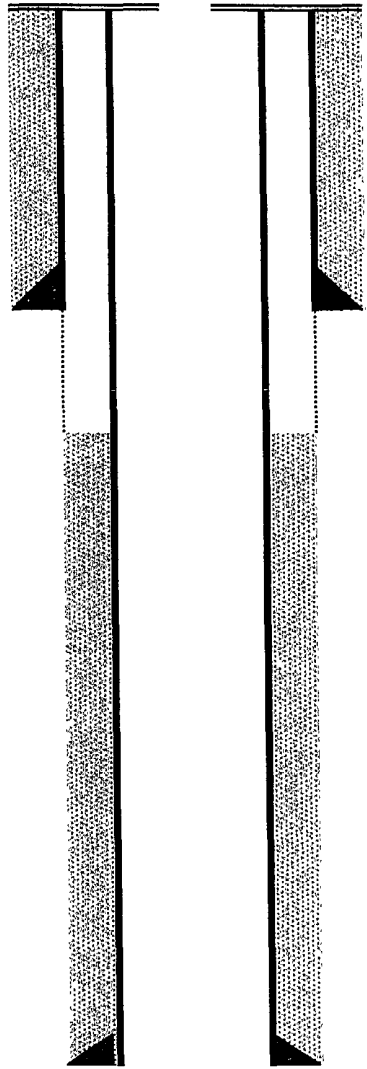
Approved by	Title
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.



WELL:	PARKE F FEDERAL #1		
FIELD:	GRAYBURY JACKSON		
COUNTY:	EDDY COUNTY, NEW MEXICO		
LOCATION:	660' FSL & 1980' FEL, SECTION 10, T17S R30E		
API NUMBER:			
LEASE NUMBER:			
STATUS:		SPUD	3/17/1972
ELEVATION. (KB)		COMPLETE	4/12/1972
		CONV/T WIW	
		SI	
GL:	3,705'		

HOLE SIZE: 12 1/4"



SURFACE CASING:
 8 5/8" 20# @ 494'
 CEMENT: 100 SX

TOC @ 204', CALCULATED

HOLE SIZE: 7 7/8"

PERFORATIONS:
 1,833'-3,332'

PRODUCTION CASING:
 4 1/2" 9.5# @ 3,400'

CEMENT: 450 SX

TOC: 1505' CALCULATED

**Accepted for record
 NMOCD**

TD = 3,400'

UPDATED. 6/21/2007
 BY: MDF

DRILLING HISTORY

Well drilled & Completed in 1972

Set 8-5/8" 20# in 12-1/4" hole @ 494' cemented w/ 100 sx TOC ?

Set 4-1/2" 9.5# in 7-7/8" hole w/450 sx TOC @ 1910' per CBL DATED 3/10/80

4/5/72 perf 3282-86, 3328-32(Jackson) Spot 250 gal 15% acid; pump 1500 gals. Gelled H2O; spot sand; pumped 1500 gals. Pad; 2500 galb 15% acid. Treated perfs 3067-77' (Lovington)w/500 gal. 15% acid; 3000 gal gelled H2O pad; 40,000 gal gelled H2O w/40,000# sand.

4/6/1972 Treated perfs 2991-98' (Hobbs) w/250 gal 15% acid on spot; 3000 gal pad; 1250 gal 15 acid

4/6/72 Treat perfs 2918-26' (Premire) w/250 gal 15% acid on spot; 3000 gal pad; after breaking down communication w/perfs @ 2838-42' was noted pkr. Was moved above these perfs & treatment continued; total treatment: 40,000 gal H2O w/40,000# 20/40 sand

4/7/72 Treat perfs @ 2721-27' & 2732-35'(Loco Hills) w/250 gal 15%acid on spot; 1500 gal gel H2O; spot sand; pump 1500 gal gel. H2O; Frac w/30,000 gal gel. H2O & 30,000# 20/40 sand.

3/7/80 perf 4-1/2" @ 1930' f/sqz job could not circ.

3/10/80 perf 4-1/2" @ 1890' sqz. w/100 sx w/5# salt & 10# sand per sx.

3/11/80 new TOC @ 1340'; set RTTS pkr. @ 1640' did 35 sx block sqz.

3/14/1980 Perf. 1833-42' Set pkr. @ 1961' Acid. w/2000 gal 15% NEFE Flushed & over flushed 3000 gelled H2O.

NOTE: this was to treat perfs below 1833-42'. Set BP 1961' Treat perfs @ 1833-42' w/250 gal 15% NEFE on spot pumped 30 bbl gelled H2O pad; 3000 gal 15% NE; flush & over flushed w/97 bbl gelled H2O. Pulled BP & pkr.

8/24/81 Acid w/3000 gal 15% NE inhibited, wait 1 hr. pumped 110 gal Visco 959 & 5 gal Visco 1111 mixed in 25 bbl 2% KCL

9/20/85 Ran 1" between 8-5/8" & 4-1/2" pumped 100 sx cement did not circ.

9/24/85 Treated perfs between 2650' (pkr seting depth) & 3360' (RBP setting depth) w/ 2400 gal 15% NEFE HCL Flushed w/1250 gal 2% KCL. Moved RBP TO 1900' Pkr to 1800' Treat w/440 gal 7-1/2% NEFE HCL flushed w/ 350 gal 2% KCL

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TUBING & ROD DETAIL & SCHEMATIC

TUBING

SCHEMATIC

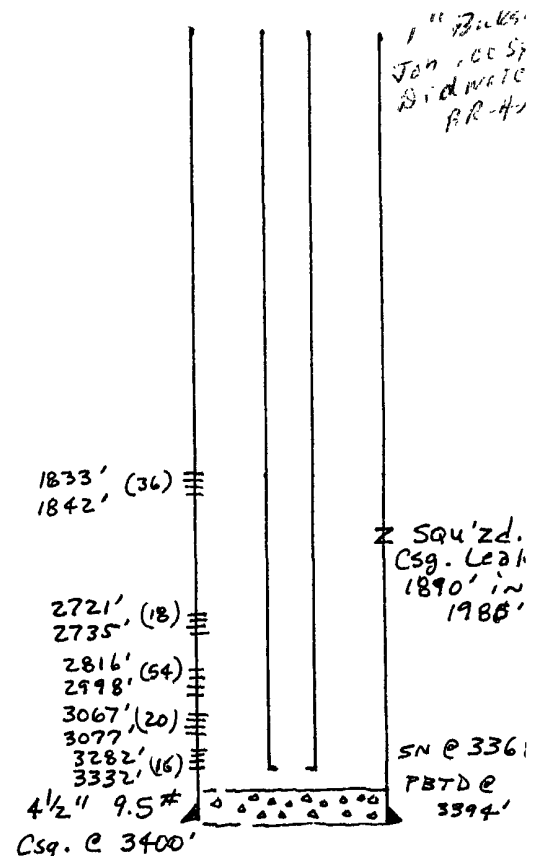
Elevation: KB is _____ ft above GL

INSTALLATION SUMMARY

No. jts, size, wt, grade, conn, length	Landed at
112 Jnts., 2 3/8" J55	3368'

ROD DETAIL

No.	Size	Grade	Length	Btm At
130	3/4"			



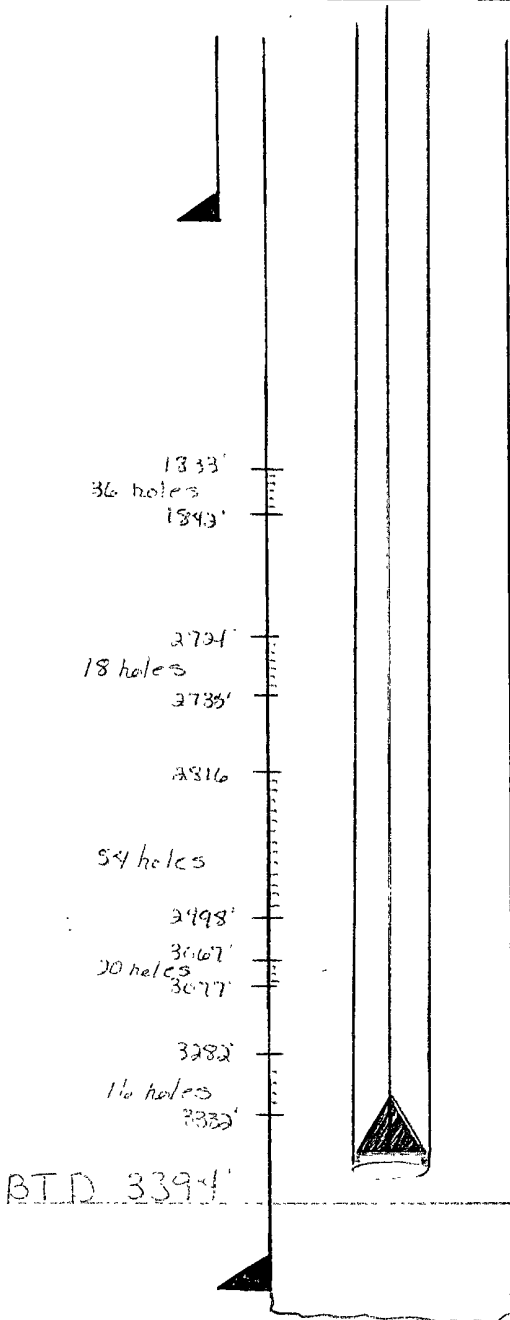
Accepted for record
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REMARKS: _____

SOUTHWEST ROYALTIES, INC.
Well History Summary Sheet

Operator SWR Well Name & # Parke "F" Federal #1 Lease # NM074937
 Location Sec 10 Twp. 17S, Rge. 30E County Eddy State NM
 Spud Date 3-17-72 Compl. Date 4-12-72 TD 3404 PBDT 3394'
 Type Well: Oil Gas Other Field Grayburg Jackson

WELL HISTORY



100 SXS cmt. 112 Jts, 2 3/8" J 55 @ 3368
 134- 3/4" Rods
 2" X 1 1/2" X 10' RWTC Pump # A-119(?)
 8 3/8" 20# csg. @ 494'
 3-17-72 Set 8 3/8" csg w 100 SXS Class C'
 w 2 1/2" Cact. woc
 3-26-72 Set 4 1/2" csg w 450 SXS Class 'H'
 w 10# sd. 5# sht., 3/4" of 1 7/8" CFR-2, 1/4" #
 Floccle / sx.
 4-4-72 Perf @ 2721-27'; 2732-35';
 2816-20'; 2824-28'; 2838-42'; 2918-26';
 2991-98'; 3067-77'; 3282-36'; + 3332-32'
 4-8-72 AT 3282-3332 w 3000 gal 15%
 DS 30. m/m-5000-1300# AIP-4150# AIR-17.86,
 ISIP-1930#. FT 3067-77 w 40,000 gal FF
 and 40,000# 20/40 sd. m/m-4050-2430#,
 AIP-4000# AIR-23.4 bpm, ISIP-2100, SSIP-19
 AT 2991-98 w 1500 gal 15 1/2" DS 30.
 m/m-4400-2800# AIP-4350# AIR-17.3 bpm,
 ISIP-2300#. FT w 2918-26' w 70,000 gal
 FF w 70,000# 20/40 sd. m/m-4100-2800#,
 AIP-3400# AIR-20.4 bpm, ISIP-1900#
 FT 2721-2735 w 30,000 gal FF w 30,000#
 20/40 sand. m/m-4300-1900# AIP-4000#
 AIR-21.0 bpm ISIP-2000#
 3-10-80 Perf @ 1890 to squeeze. Re-drilled
 w 100 SXS Class 'H', 8# sht. 10# sd / sx.
 TOC (inside 4 1/2") @ 1740' + TOC (outside
 4 1/2") @ 1340'. Block squeezed w 35 SXS
 Class 'H'. Tagged cmt. @ 1810'. Drift out.
 3-14-80 Perf @ 1833-1872 (7 SPF). AT
 existing perms w 2000 gal 15% NE acid.
 AIR-13 BPM, AIP-2530#, ISIP-1230#. AT
 1833-1842' (37 holes) w 3000 gal 15%
 NE acid. AIP 2540#, AR-15 bpm,
 ISIP-1200#
 8-25-81 AT (above 2814) w 3000 gal 15% NE
 acid. Well in Vac.
 9-20-85 Repair leak in csg. Cmt between
 4 1/2 + 8 3/8" w 100 SXS Class 'C' w 2 1/2" Cact.
 Did not cure.
 9-24-85 AT (2721-3332) w 2800 gal 15% NE F
 60 BS. ISIP-1100# AIR 5.8 bpm AIP-2250#
 MAX-2800#, SSIP-800#, ISIP-1000#, SSIP-8
 AT (upper perms) w 430 gal 7 1/2% Air FF
 and 60 BS. MAX-1200#, AIR-7 bpm AIP-
 830#, ISIP-1200#, 2 mins. - Vac. well

450 SXS. cmt.
 Squeal. @ 1810
 w 100 SXS cmt.
 and 35 SXS. cmt.

4 1/2 9.5# csg
 @ 3400
 TD 3404

B.T.D. 3394'

Comments:

9 17 40 197

Accepted for record
NMOCD

INSTRUCTIONS

- General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, state, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
- If not filed prior to the time this summary report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form (see item 35).
- Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
- Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
- Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
- Item 29: "Cement Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
- Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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SUMMARY OF FORMER ZONES				GEOLOGIC MARKERS		
SHOW INTERVALS AND ZONES OF LOGGERS, OTHER INTERVALS, AND ALL DRILL STRING TESTS, INCLUDING DEPTH INTERVAL, FOSTER, CUSHION, SERP, TIME TOOL OPEN, TURNING, AND GULCH PRESSURES, AND RECOVERIES						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN DEPTH	TRUE VERT DEPTH
Loco Hills	2700'	2735'		Queen	2222'	+ 1494
Metex	2915'	2842'		San Andres	2950'	+ 765
Lovington	3065'	3078'		Lovington	3065'	+ 650
San Andres	3280'	3335'				
<p>Fraced from 3067' to 3077' with 40,000# sand and 40,000 gallons water.</p> <p>Acidize from 3282' to 3332' with 3,000 gallons.</p> <p>Acidized from 2991' to 2998' with 1500 gallons.</p> <p>Attempted to frac from 2918' to 2926' and communicated.</p> <p>Fraced from 2816' to 2842' with 70,000# sand and 70,000 gallons water.</p> <p>Fraced from 2721' to 2735' with 30,000# sand and 30,000 gallons water.</p>						

RECEIVED

APR 14 1972

U. S. GEOLOGICAL SURVEY

ARTERIAL SURVEY

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved, Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NMO74937

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Parke F

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10-17S-30E

12. COUNTY OR PARISH

Eddy

13. STATE

N. M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other []

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEPEN [] PLUG BACK [] DIFF. RESV. [] Other []

2. NAME OF OPERATOR

General American Oil Company of Texas

3. ADDRESS OF OPERATOR

P. O. Box 416 Loco Hills, New Mexico 88255

4. LOCATION OF WELL (Report location County and in accordance with any State requirements)*

At surface 660' FSL and 1980' FEL, Sec. 10, T17S, R30E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 3-17-72 16. DATE I.D. REACHED 3-26-72 17. DATE COMPL. (Ready to prod) 4-12-72 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3705' GL 19. ELEV. CASINGHEAD 3703'

20. TOTAL DEPTH, MD & TVD 3404' 21. PLUG BACK F.D. MD & TVD 3394' 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 24. CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION (TOP BOTTOM, NAME (MD AND TVD))* 25. WAS DIRECTIONAL SURVEY MADE

2721'-2332' Grayburg and San Andres

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

SWN - GR Caliper

No

Table with 6 columns: CASING SIZE, WEIGHT, LB/FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 8-5/8" 20# 494' KB 12-1/4" 100 Sacks None and 4-1/2" 9.5# 3400' KB 7-7/8" 450 Sacks None.

Table with 4 columns: LINDER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT), SCREEN (MD), TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 columns: PERFORATION RECORD (Interval, size and number) and ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Includes intervals like 2721'-2727', 2732-2735', 2816'-2820', etc.

Table with 4 columns: PRODUCTION (DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS), TEST (DATE OF TEST, BURN TESTED, HOPE SIZE, PROD'N. FOR TEST PERIOD, OIL - BBL, GAS - MCF, WATER - BBL, OIL GRAVITY API (CORR)).

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Not Connected

35. LIST OF ATTACHMENTS Logs and Deviation Survey.

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

SIGNED [Signature] TITLE District Superintendent DATE April 13, 1972

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

1 COPY MAILED TO DALLAS 4.15.72

RECEIVED APR 13 1972 S. GEOLOGICAL SURVEY

Accepted for record NMOCD