

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
reverse side)

FE-
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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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Change of Operator	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Hondo Oil and Gas Company	8. FARM OR LEASE NAME H.E. West A
3. ADDRESS OF OPERATOR 105 East 3rd, Suite 415, Roswell, NM 88201	9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly and in accordance with app. State requirements. See also space 17 below.) At surface 1980' FNL & 1980' FEL	10. FIELD AND POOL, OR WILDCAT Grayburg Jackson-7R, O.G.S.
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T-17S, R-31E
15. ELEVATIONS (Show whether ft., m., or etc.) C.D. ARTESIA, OFFICE	12. COUNTY OR PARISH Eddy
	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
RIIOUT OR ACIDIZR	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANE	<input type="checkbox"/>
(Other) Change of Operator	<input checked="" type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input 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 matters and zones pertinent to this work.)

The parties listed below wish to notify this Commission of the change of operator for the well described above.

From: Arco Oil and Gas Company, a Division of Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

TO : Hondo Oil and Gas Company
105 West 3rd Street, Suite 415
Roswell, New Mexico 88201

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

SIGNED Jayme Lellis

TITLE Production Clerk

DATE 3/20/87

(This space for Federal or State office use)

APPROVED BY Jayme Lellis

TITLE

DATE 5/15/87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-1444

MAY 13 1981

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☐ well other ☒ WIW
2. NAME OF OPERATOR ARCO Oil & Gas Company
Division of Atlantic Richfield Company
3. ADDRESS OF OPERATOR
P.O. Box 1710, Hobbs, New Mexico 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 1980' FEL
AT TOP PROD. INTERVAL: As Above
AT TOTAL DEPTH: As Above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Convert to Single WIW <input checked="" type="checkbox"/>	

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.)*

1. Rigged up on 4-27-81. Removed injection wellhead. POH w/triple injection assy. RIH w/2-3/8" od tbg, press tested in hole to 5000 PSIG, OK. POH w/tbg. RIH w/2-3/8" X 4-1/2" AD-1 tension pkr on 2-3/8" od EUE tbg. Circ tbg/csg annulus in corrosion inhibited water. Set pkr @ 3167'. Packed off tbg head. Pressure tested tbg/csg annulus to 600#, OK. On 4-28-81 commence injecting water into perms 3242-3822'. Converted to single water injection well eff 4-28-81.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Area Prod. Supt. DATE 5-6-81

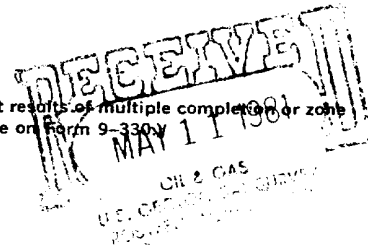
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

5. LEASE
LC-029426 (a) O. C. D.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____, OFFICE _____
7. UNIT AGREEMENT NAME
Keel West Waterflood Project
8. FARM OR LEASE NAME
H.E. West "A"
9. WELL NO.
4
10. FIELD OR WILDCAT NAME
Grayburg Jackson
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4-17S-31E
12. COUNTY OR PARISH Eddy 13. STATE New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3940' GL

(NOTE: Report results of multiple completions or zone change on Form 9-330.)



ACCEPTED FOR RECORD

MAY 11 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	/
FILE	/
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	/
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

APR - 2 1979

I. Operator	ARCO Oil and Gas Company - Division of Atlantic Richfield Company	O.C.C. ARTESIA, OFFICE
Address	P. O. Box 1710, Hobbs, New Mexico 88240	
Reason(s) for filing (Check proper box)	Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:	Change in Operator Name
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	effective: 4-1-79
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	
	Dry Gas <input type="checkbox"/>	
	Condensate <input type="checkbox"/>	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease
H.E. West A	4	GRAYBURG JACKSON (SR-Q-G-S)	State, Federal or Fee Federal
Location	Unit Letter G; 1980 Feet From The North Line and 1980 Feet From The East		
Line of Section	Township	Range	NMPM, County
4	17S	31E	Eddy

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)		
None - WIW			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)		
None			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.
			Rge.
			Is gas actually connected?
			When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
No Change								
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Pool	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
No Change			
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

George V. Parks
(Signature)
District Prod & Drlg Supt.
(Title)
3-27-79
(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 5 - 1979, 19
BY W. A. Gressett
SUPERVISOR, DISTRICT II
TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Form 9-531a
(Feb. 1961)Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las CrucesLease No. 029426 (A)Unit Reel West "A"

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

" to perforate a triple complete X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 17, 1963

Well No. 4 is located 1980 ft. from [N] line and 1980 ft. from [E] line of sec. 4

NE 1/4 Sec 4 (1/4 Sec. and Sec. No.) 17S (Twp.) 31E (Range) 103N (Meridian)
Grayburg-Jackson (Field) Eddy (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PROPOSE TO: Perforate additional section in Grayburg Zone and convert well from a dual water injection well to a triple water injection well in the Grayburg-Jackson Zone. (This is a water injection well in the Sinclair Oil & Gas Company operated Reel-West Waterflood Project)

RECEIVED

AUG 21 1963

O. C. C.

ARTESIA OFFICE

I understand that this plan of work must receive approval in writing by the Geological Survey before operation may be commenced.

Company Sinclair Oil & Gas CompanyAddress 520 E BroadwayEdna, New Mexico

By _____

Title Dist. Supt.

Originals: OGC-Artesia; cc:RFB, File

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AUG 19 1963

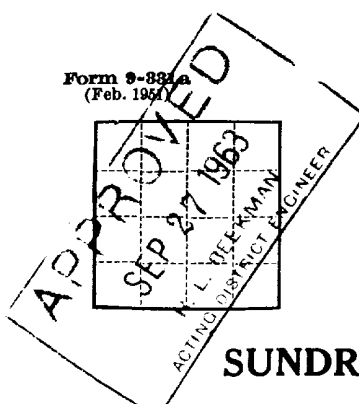
U. S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 029126 (a)
Unit H.E. West "A"



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Report of Perforating, acidizing and recompletion of well as a triple water injection I</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 20, 1963

Well No. 4 is located 1980 ft. from N line and 1980 ft. from E line of Sec. 4
NE 1/4 Sec 4 17S 1E NMPN
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grayburg-Jackson Lot 4 New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

9-12-63 325FRTD moved in LBO, pulled tubing. Perforated 322-44, 3252-54 w/8 crack jets, 3296-98, 3304-06 w/8 crack jets and 3382-86, 3392-98 w/20 1" reg. jets. Ruff'ing & House Straddle packers set @ 3378-3404. Had acid washed perfs 3382-86, 3392-98 w/250 gals. Reset packers 3267-3313. Had acid washed perfs 3296-98 & 3304-06 w/250 gals. Reset packers 3225-3261. Had acid washed perfs 3212-44 & 3254-3262 w/250 gals. Reset packers 3450-3476. Pumped info perfs between packers 15 bbls water @ 2500# @ 3 RPM, no communication indicated. Reset packers 3445-71. Pumped into perfs between packers 12 bbls water @ 3000# @ 3 RPM, no communication indicated. Filled 2" thg & packer. Set Otis 4 1/2" type WA packer @ 3450 (permanent type CI). Ran 2" thg w/Otis type R & Retrieval packer landed in compression at 3445 w/hydraulic hold down above packer. Ran 3450' of 1" non upset tyb landed in WA packer @ 3450. Injected thry 2" thg thru perfs 3350-3446 @ 1750#, no rate established. Injected 197 BW info perfs 3350-3446 in 18 hrs @ 1700#, press on csg annulus 500#, press on 1" thg 1500#.
(cont'd back of sheet)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company SINCLAIR OIL CORPORATION 0011-1968
Address 520 E Broadway
Hotbs, New Mexico
By [Signature]
Title Dist. Supt.

Orig:2cc: USGS; cc:WFS,File

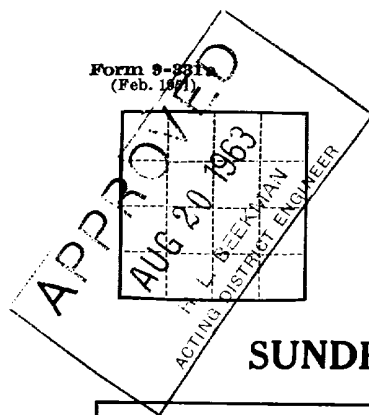
RECEIVED BY THE DIRECTOR OF THE BUREAU OF MINES, WASHINGTON, D. C.

cont'd from front of sheet:

Started inf. into pits 2142-2140 then running, after 4 hrs injecting at rate of 516 B.W.U. w/1500/ press. Injecting 2145 B.W.U. then 2" the into pits 335-3146 at 2000/ press on 1" the held at 1700. After 51 hrs 4 1/2" needle valve press. dropped to 2500 in 4 hrs & stabilized at 2500. Started injecting water thru 1" the into pits 3457-3822 at 1:00 PM. At 4:00 PM rate of injection was 206 B.W.U. @ 1975/. Down 2" the thru pits 3350-3146 172 B.W.U. @ 1850/. Down running thru pits 3442-1340 103 B.W.U. @ 1500/. Recompleted as a triple completed water injection well, MEIS 9-10-63.

Form 9-231a
(Feb. 1961)Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las CrucesLease No. 029126 (a)Unit H.A. West "A"

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

to perforate & triple complete X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 17, 1963

Well No. 4 is located 1980 ft. from N line and 1980 ft. from E line of sec. 4

1/4 Sec. 4 (1/4 Sec. and Sec. No.) 17S (Twp.) 31E (Range) RPM (Meridian)

Grayburg-Jackson (Field) Eddy (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PROPOSE TO: Perforate additional section in Grayburg Zone and convert well from a dual water injection well to a triple water injection well in the Grayburg-Jackson Zone. (This is a water injection well in the Sinclair Oil & Gas Company operated Keel-West Waterflood Project)

RECEIVED

AUG 21 1963

O. O. R.
ARTESIA OFFICE

RECEIVED

AUG 19 1963

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operation, and the following:

Company Sinclair Oil & Gas CompanyAddress 520 F BroadwayHobbs, New Mexico

By _____

Title Dist. Supt.

Originals: OHS-Artesia; cc:RPS, File